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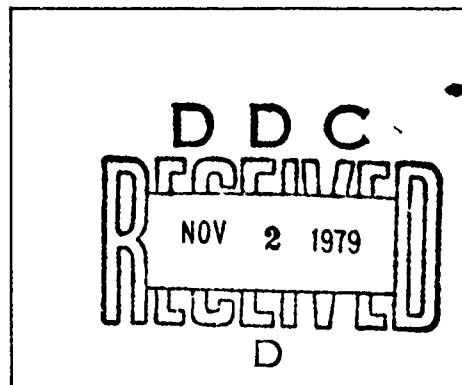
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USAFETAC/DS-79/085

**DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)**

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FT SILL AAF OK WBA# 13745
N 34 39 W 098 24 FLD ELEV 1181 FT FSI WMO # 72355

PARTS A-F

FOR FROM HOURLY OBS: MAR 67 - DEC 70, JAN 73 - FEB 79
FOR FROM DAILY OBS: MAR 49 - FEB 79

SEP 19 1979

**FEDERAL BUILDING
ASHEVILLE, N. C.**

ALL INFORMATION CONTAINED
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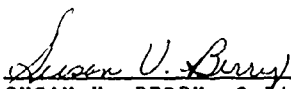
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Review and Approval Statement

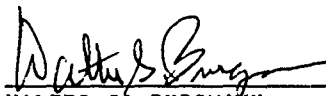
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This technical report has been reviewed and is approved for publication.



SUSAN V. BERRY, 2^d Lt, USAF
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FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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Approved for public release; distribution unlimited.																	
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
This supercedes ADA-074657																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)																	
<table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)																	
<p>This report is a six-part statistical summary of surface weather observations for Fort Sill AAF, Lawton, Oklahoma</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>																	

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Oklahoma

* Fort Sill AAF, OK

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAF, TAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13946
STATION

FT SILL AAF OK
STATION NAME

2-70, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02	.4	5.8	1.8	2.5		9.6	14.7	.3	.3		15.6	930
	03-05	.1	5.9	1.9	2.4		10.1	17.2	.3	.3		17.8	930
	06-08	.1	6.5	2.0	3.1		12.2	19.5		.3	.1	19.9	930
	09-11	.1	5.6	2.5	3.3		10.9	21.3	1.7	.9	.3	23.9	930
	12-14	.2	4.8	1.7	3.8		9.7	13.5	1.7	.4	.3	15.3	940
	15-17		4.9	.3	3.4		8.4	11.0	1.3	.3		12.2	930
	18-20		4.6	1.1	1.6		7.3	12.0	.9	.2	.2	13.1	930
	21-23	.2	5.7	2.0	3.0		9.9	13.2	.2			13.3	930
TOTALS		.1	5.5	1.8	2.9		9.8	15.3	.8	.3	.1	16.5	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

FI SILI AAF OK

8-70, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.7	5.0	.8	3.8		9.3	14.5	.7	.5	1.1	16.3	846
	03-05	.4	6.5	1.3	3.5		10.9	16.9		.4	.5	17.7	846
	06-08	.1	5.6	1.1	3.7		10.0	20.1	.1	.1	.7	20.9	846
	09-11	.1	6.1	1.3	4.0		10.6	20.2	1.2	.4	1.4	22.7	840
	12-14		5.2	.4	3.5		9.0	13.2	1.9	.4	1.5	16.5	846
	15-17		5.0	.1	3.3		8.3	11.9	1.8	.4	.8	13.9	846
	18-20	.5	4.3	.5	3.1		7.5	10.1	1.3		1.1	12.1	843
	21-23	.6	5.6	.7	3.6		9.5	12.3	.2	.4	1.2	13.9	843
TOTALS		.3	5.4	.8	3.6		9.4	14.8	.9	.3	1.0	16.6	6762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.5	5.6		1.4		6.7	7.5	.1	.1	.3	8.0	930
	03-05	1.5	6.5		1.2		7.4	9.8	.1		.4	10.2	930
	06-08	.9	8.4	.3	1.1		9.5	14.7	1.0	.1	.5	15.8	930
	09-11	.6	9.6		1.8		11.1	13.5	3.2	.2	.5	17.0	930
	12-14	1.3	8.0		2.9		10.3	8.2	1.8	.2	.2	10.1	930
	15-17	1.3	7.5		1.9		8.9	6.9	.8	.3	1.1	8.8	930
	18-20	1.4	5.3		1.4		6.5	7.2	.2	.3	2.8	10.2	930
	21-23	1.2	4.3		1.1		4.9	5.6		.3	1.3	7.2	930
TOTALS		1.2	6.9	.0	1.6		8.2	9.2	.9	.2	.9	10.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFPC/CL
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SHOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.1	6.0				6.0	3.3	.3		.4	4.7	900
	03-05	2.9	7.3		.2		7.3	6.7	.4			6.8	900
	06-08	1.4	6.4		.4		6.7	15.3	2.2			15.9	900
	09-11	1.3	6.3		.1		5.4	7.6	1.2			8.4	900
	12-14	1.1	5.1				5.1	2.9	.7		.1	3.4	899
	15-17	1.7	6.2				6.2	3.0	.2		.4	3.7	900
	18-20	2.0	4.6				4.6	2.3	1.0		2.0	5.2	900
	21-23	3.0	4.3				4.3	2.4	.4		1.3	4.0	900
TOTALS		2.0	5.8		.1		5.8	5.5	.8		.5	6.5	7199

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

STATION

FT SILL AAF OK

STATION NAME

07-70, 73-78

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	5.2	8.5				8.5	3.5	.3			3.8	930
	03-05	4.5	8.1				8.1	8.8	.4			9.0	930
	06-08	2.8	7.4				7.4	18.2	2.0			19.5	930
	09-11	2.9	6.1				6.1	6.1	1.1		.1	7.3	930
	12-14	2.2	5.5				5.5	1.4	.9		.3	2.6	930
	15-17	4.0	5.7			.2	5.7	1.8	1.2		.2	3.0	930
	18-20	5.7	6.3			.1	6.3	1.5	.6		.3	2.5	930
	21-23	7.1	8.2			.1	8.2	1.3	.3		.1	1.7	929
TOTALS		4.3	7.0			.1	7.0	5.3	.9		.1	6.2	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

STATION

F1 SILL AAF PK

STATION NAME

67-70, 73-78

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	4.7	4.7				4.7	.6	.2		.1	.9	900
	03-05	3.0	3.9				3.9	2.3	.8		.1	2.9	900
	06-08	1.4	3.4				3.4	7.6	3.2			9.9	900
	09-11	.8	3.1				3.1	2.1	1.8			3.6	900
	12-14	1.0	2.9				2.9	.1	.1			.2	900
	15-17	2.7	2.6				2.6		.1			.1	900
	18-20	2.8	2.3				2.3	.1	.3		.4	.9	900
	21-23	3.4	2.7				2.7	.1	.1		.3	.6	900
TOTALS		2.5	3.2				3.2	1.6	.8		.1	2.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.3	3.1				3.1	.5	1.0			1.4	930
	03-05	1.9	2.8				2.8	1.9	1.3			2.5	930
	06-08	1.7	3.4				3.4	6.1	4.0			7.7	930
	09-11	1.2	4.2				4.2	1.3	2.4			3.3	930
	12-14	1.3	3.0				3.0	.1	.5		.2	.9	930
	15-17	3.3	3.8				3.8		.3			.3	930
	18-20	2.9	4.0				4.0	.2	.4			.6	930
	21-23	2.5	3.3				3.3	.2	.4			.6	930
TOTALS		2.1	3.5				3.5	1.3	1.3		.0	2.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

FT SILL AAF OK

67-70, 73-78

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM WEEKLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FRE- ZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.3	2.7				2.7	.8				.8	930
	03-05	2.7	3.5				3.5	1.6	.2			1.7	930
	06-08	1.3	3.4				3.4	8.2	4.9			10.6	930
	09-11	.9	4.1				4.1	3.5	1.5			4.8	930
	12-14	1.0	1.7				1.7	.6	.6			1.3	930
	15-17	3.2	3.5			.1	3.5	.1	.3			.4	930
	18-20	2.4	2.6				2.6	.1				.1	930
	21-23	1.9	2.8				2.8	.8				.8	930
TOTALS		2.0	3.0			.0	3.0	2.0	.9			2.6	7440

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

STATION

FT SILL AAF OK

STATION NAME

67-70, 73-78

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	2.1	7.6				7.6	4.8	.2			4.8	900
	03-05	2.3	9.1				9.1	7.3	1.1			7.6	900
	06-08	1.3	7.9				7.9	18.9	3.4			20.9	900
	09-11	.4	5.9				5.9	9.2	3.2			12.0	900
	12-14	1.3	6.7				6.7	4.0	2.1			6.0	900
	15-17	1.4	6.2				6.2	3.0	.9			3.9	900
	18-20	2.0	6.4			.1	6.4	3.2	1.1			4.2	900
	21-23	3.1	6.6				6.6	3.4	.3			3.7	900
TOTALS		1.7	7.1			.0	7.1	6.7	1.5			7.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

STATION

FT SILL AAF OK

STATION NAME

67-70, 73-78

YEARS

UCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
UCT	00-02	2.6	5.3				5.3	5.2	.2			5.4	930
	03-05	2.0	6.2				6.2	6.7				6.7	929
	06-08	.8	6.9			.1	6.9	11.9	1.1			12.8	930
	09-11	.5	6.1				6.1	5.5	1.8			6.8	930
	12-14		5.2				5.2	2.2	1.2			3.2	930
	15-17	.4	4.6				4.6	1.8	.4			2.3	930
	18-20	.3	4.7				4.7	2.0	.2			2.3	930
	21-23	.9	6.0				6.0	2.6				2.6	930
TOTALS		.9	5.6			.0	5.6	4.7	.6			5.3	7439

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

STATION

FT SILL AAF OK

STATION NAME

67-70, 73-78

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.6	6.6		1.3		7.7	7.1				7.1	900
	03-05	.6	8.2		1.0		9.1	9.2	.1	.1		9.4	900
	06-08	.4	8.6		.3		8.9	14.9	.6			15.1	900
	09-11	.7	7.4		.3		7.8	14.6	1.2			15.0	900
	12-14	.8	6.8		.4		7.0	8.7	.9			8.8	900
	15-17	.4	5.4		.4		5.8	6.0				6.0	900
	18-20	.4	4.4		.2		4.7	5.1	.2		.3	5.7	900
	21-23	.3	4.7		.8		5.3	6.2	.1			6.3	900
TOTALS		.5	6.5		.6		7.0	9.0	.4	.0	.0	9.2	7200

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13945

FT SILL AAF OK

67-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		4.4	.5	2.2		7.0	8.3	.1	.1		8.5	930
	03-05		4.5	.8	1.2		6.2	8.5		.1		8.6	930
	06-08		4.1	1.1	1.0		5.9	11.1	.2			11.1	930
	09-11		2.9	.1	2.0		4.7	10.0	.6		.2	10.4	930
	12-14	.1	3.4	.2	1.2		4.8	6.9	.3	.1	.5	7.7	930
	15-17		4.1	.5	1.7		5.8	6.5	.3	.3	.2	7.0	930
	18-20	.1	4.1	.5	1.4		5.7	5.4			.1	5.5	927
	21-23		3.6	1.1	2.0		6.0	5.7	.2			5.9	927
TOTALS		.0	3.9	.6	1.6		5.8	7.8	.2	.1	.1	8.1	7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

13945
STATION

FT SILL AAF OK
STATION NAME

7-70, 73-79
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	5.5	1.8	2.9		9.8	15.3	.8	.3	.1	16.5	7440
FEB		.3	5.4	.8	3.6		9.4	14.8	.9	.3	1.0	16.5	6762
MAR		1.2	6.9	.0	1.6		8.2	9.2	.9	.2	.9	10.9	7440
APR		2.0	5.8		.1		5.8	5.5	.8		.5	6.5	7199
MAY		4.3	7.0			.1	7.0	5.3	.9		.1	6.2	7439
JUN		2.5	3.2				3.2	1.6	.8		.1	2.4	7200
JUL		2.1	3.5				3.5	1.3	1.3		.0	2.2	7440
AUG		2.0	3.0			.0	3.0	2.0	.9			2.6	7440
SEP		1.7	7.1			.0	7.1	6.7	1.5			7.9	7200
OCT		.9	5.6			.0	5.6	4.7	.6			5.3	7439
NOV		.5	6.5		.6		7.0	9.0	.4	.0	.0	9.2	7200
DEC		.0	3.9	.6	1.6		5.8	7.8	.2	.1	.1	8.1	7434
TOTALS		1.5	5.3	.3	.9	.0	6.3	6.9	.8	.1	.2	7.9	87633

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBSC TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

13945
STATION

FT SILL AAF PK
STATION NAME

19-79
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.7	23.5	6.2	13.2	.1	30.0	30.8	4.9	1.9	.3	33.8	930
FEB		4.0	25.2	4.7	12.4	.9	30.9	29.4	4.3	2.4	1.5	33.3	846
MAR		9.7	27.6	1.5	4.7	1.5	29.4	25.5	4.0	.9	.8	27.4	930
APR		17.6	34.6	.1	.1	2.1	34.6	22.6	4.6		.8	24.4	900
MAY		31.5	43.2			4.3	43.2	22.4	3.7		.5	23.9	930
JUN		24.8	31.9			1.8	31.9	10.0	4.9			12.7	900
JUL		21.9	29.2			.3	29.2	8.3	3.4		.1	9.5	930
AUG		20.6	28.8			.4	28.8	8.5	4.1			10.0	929
SEP		13.3	31.2			.6	31.2	21.1	6.2		.2	22.9	900
OCT		9.2	26.2			.3	26.2	19.1	3.1			20.2	930
NOV		4.8	21.5	.3	3.7	.7	23.1	23.7	3.9	.3	.1	25.3	899
DEC		1.4	22.8	3.9	8.9	.1	26.1	27.3	2.3	1.0	.1	28.5	930
TOTALS		13.4	28.8	1.4	3.6	1.1	30.4	20.7	4.1	.5	.4	22.7	10954

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13945 FT SILL AAF OK

69-74

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
W FALL	NONE	TRACE	01-04	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
5-16-74 Daily	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN.	69.8	7	1.0	3.9	1.7	3.0	2.4	1.4	.3					14.5	930	1.00	9.21	TRACE
FEB	68.8	12.6	2.2	3.5	2.5	4.6	2.5	2.2	.3					18.4	847	1.32	2.71	.13
MAR	70.0	12.3	2.4	2.6	2.2	2.8	4.1	2.3	1.3					17.7	930	1.89	6.82	.05
APR	64.2	15.4	2.1	3.7	1.4	4.0	3.3	3.3	2.1	.3				20.3	900	2.50	6.57	.31
MAY	55.8	13.1	2.2	5.2	2.9	4.7	4.2	6.2	4.3	.8	.3			31.1	930	5.79	11.94	.62
JUN	61.3	11.0	1.4	3.8	2.7	3.6	1.8	4.1	4.0	.3				21.7	900	3.47	10.88	.37
JUL	69.8	10.9	1.3	2.6	3.1	3.9	3.0	3.0	1.7	.8				19.4	930	2.78	7.37	.11
AUG	76.9	10.4	1.2	2.8	2.5	4.0	2.7	3.5	2.0					18.7	930	2.37	6.63	.02
SEP	67.6	11.3	1.3	3.6	2.6	4.0	3.4	2.6	2.7	.8				20.9	900	3.15	8.32	TRACE
OCT	73.1	9.0	1.4	3.0	1.4	3.5	2.3	2.9	2.7	.5	.1			17.8	930	3.19	11.55	.01
NOV	77.0	7.4	1.7	3.0	2.4	2.9	1.6	2.7	1.2	.1				15.6	900	1.58	5.28	.00
DEC	73.5	12.2	1.5	3.5	1.8	3.1	2.2	1.6	.5					14.3	930	1.12	3.17	TRACE
ANNUAL	69.0	11.8	1.7	3.4	2.3	3.7	2.8	3.0	2.0	.3	.0			19.2	10957	30.16		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK
STATION NAME

49-79 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			.96	1.86	1.05	1.39	.07	.53	1.60	1.46	.00	.32	
50	.44	1.11	.05	1.20	2.98	3.47	.80	1.10	.55	.03	TRACE	TRACE	3.47
51	.21	.39	.52	1.20	6.01	2.02	1.24	.73	.39	1.84	.24	TRACE	6.01
52	.36	.67	.57	.79	6.94	1.49	3.45	.02	.10	.01	1.23	1.34	6.94
53	.38	1.30	2.25	.72	2.28	4.15	3.54	2.05	.23	7.33	1.04	2.24	7.33
54	.20	.37	.40	1.39	3.46	.76	.26	.85	.11	1.50	.23	.76	3.46
55	.55	.74	1.07	.31	3.83	1.65	.53	1.05	2.87	3.40	TRACE	.02	3.83
56	.32	.35	.17	.23	1.49	.42	1.13	1.00	TRACE	1.26	.74	1.32	1.49
57	.46	.41	1.34	2.36	4.03	1.12	.82	.37	2.22	1.66	.76	.57	4.03
58	1.38	.29	.97	.52	1.25	.99	1.01	.70	.90	.08	.49	.45	1.38
59	.90	.14	.27	1.07	2.14	.69	2.87	.81	2.03	2.56	2.60	1.34	2.87
60	.49	1.36	.61	.34	1.19	.61	1.28	.99	1.21	4.95	.21	.92	4.95
61	.10	.62	1.30	.25	1.90	1.52	1.46	.61	3.83	1.33	1.95	1.00	3.83
62	.20	.72	.83	2.36	1.86	3.24	2.32	.06	1.02	2.22	.90	1.58	3.24
63	.10	.24	1.33	2.52	1.09	1.18	.33	.23	.95	.06	1.79	.23	2.52
64	1.00	.91	.33	.38	1.45	1.50	.95	2.31	1.22	.51	1.68	.39	2.31
65	.69	.45	.64	.71	2.04	1.20	.20	1.07	1.25	2.37	TRACE	.42	2.37
66	.40	.30	.42	2.52	.53	1.97	.51	1.67	1.71	.56	.53	.91	2.52
67	.28	.11	.38	2.55	1.50	1.18	3.49	.53	1.17	1.33	.24	.27	3.49
68	2.11	.58	.34	.50	2.13	2.48	1.59	.28	1.83	.88	1.42	.73	2.48
69	.77	.80	1.12	.57	1.63	1.18	.39	2.14	2.85	.59	.17	.45	2.85
70	.08	.42	2.42	.70	1.42	.69	.50	.44	2.70	.26	.41	.39	2.70
71	.20	1.15	.13	.71	2.46	1.47	3.42	1.60	1.35	.89	.53	.78	3.42
72	.02	.19	.28	2.30	1.32	.84	.36	1.23	1.60	3.14	1.02	.24	3.14
73	.98	.27	1.04	.81	.76	2.06	2.78	.28	2.27	.94	1.36	.31	2.78
74	.10	1.13	1.69	1.74	1.05	.71	.23	1.68	2.92	1.72	.55	.63	2.92
75	.93	.76	.35	.65	3.37	1.63	2.72	.56	1.97	.74	.95	.79	3.37
76	TRACE	.22	1.42	2.04	.59	1.43	1.51	.65	2.92	1.46	.11	.39	2.92
77	.60	1.44	.62	1.12	3.26	1.64	.77	1.80	.35	1.22	1.05	.02	3.26
78	.24	.75	1.35	.37	5.01	1.46	.72	2.17	.43	.15	1.00	.53	5.01
MEAN													
S D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2

(FROM DAILY OBSERVATIONS)

49-79

YEARS

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USAF ETAC FORM 0-88-5 (OLA)
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM ONLY OBSERVATIONS)

13945 STATION ET SILL AAF OK STATION NAME

49-79 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			1.61	2.88	5.33	3.10	.11	1.77	3.73	4.02	.00	.89	
50	1.10	2.71	.05	1.86	8.45	5.60	2.50	4.18	1.88	.03	TRACE	TRACE	28.36
51	.31	.89	1.25	2.57	10.84	9.49	3.47	1.27	.87	2.89	.56	TRACE	34.41
52	.54	.98	1.49	2.73	9.47	2.39	5.93	.02	.10	.01	2.51	1.46	27.63
53	.38	1.74	6.82	1.34	2.66	6.31	3.89	4.29	.27	11.55	2.73	2.25	44.23
54	.33	.37	.45	2.91	8.91	1.60	.47	1.55	.26	2.52	.24	1.28	20.89
55	1.48	1.68	2.19	.36	10.21	4.00	1.29	2.39	6.06	5.27	TRACE	.02	34.95
56	.58	.77	.29	.48	4.13	.57	2.91	1.23	TRACE	4.78	.78	2.24	18.76
57	1.06	.86	2.94	6.57	11.55	3.44	1.69	.38	3.25	4.25	3.01	.65	39.65
58	2.57	.70	3.22	2.47	3.23	3.23	5.32	1.20	1.53	.10	.70	.77	25.04
59	.90	.49	.32	2.91	6.77	2.72	7.37	2.06	2.78	7.46	2.60	3.02	39.40
60	1.30	2.31	1.35	.37	4.74	1.98	4.73	2.47	1.47	8.61	.24	3.17	32.74
61	.19	1.67	3.90	.31	2.84	5.14	1.94	1.41	8.32	2.28	4.85	1.95	34.80
62	.33	1.32	.86	4.43	6.67	10.88	4.82	.11	3.75	4.86	1.30	2.56	41.89
63	.12	.30	2.93	2.73	1.69	2.46	.99	.68	2.14	.10	2.85	.32	17.31
64	1.75	2.34	.98	.84	4.59	2.06	1.43	4.70	5.21	1.00	5.28	.77	30.95
65	1.02	.81	.78	1.62	4.38	2.82	.49	3.92	2.26	2.47	TRACE	1.16	21.73
66	1.09	.81	.48	4.90	.62	4.02	.63	5.18	4.09	.58	.56	1.03	23.99
67	.28	.13	.97	5.07	3.91	1.75	4.85	1.16	3.49	3.28	.47	.60	25.96
68	3.21	1.73	.92	1.42	6.67	3.18	3.38	.93	4.07	1.84	4.40	1.00	32.75
69	.84	2.67	2.78	1.06	5.82	2.10	.54	4.71	4.58	2.28	.25	1.07	28.70
70	.10	.97	4.49	1.76	1.84	1.05	.81	1.05	5.39	.92	.46	.49	19.33
71	.21	1.63	.13	1.22	5.20	3.42	6.73	6.63	3.97	2.67	.77	2.25	34.83
72	.04	.29	.28	4.71	2.94	2.36	1.05	2.67	1.97	8.48	2.58	.35	27.72
73	3.04	.94	4.76	3.74	1.65	4.78	5.96	.51	6.55	3.01	1.87	.32	37.13
74	.15	1.33	3.13	2.97	3.71	1.52	.37	5.31	6.56	4.64	1.75	1.16	32.60
75	2.10	2.64	1.72	1.57	11.94	3.66	5.03	1.06	3.47	1.08	1.73	1.46	37.46
76	TRACE	.27	2.67	6.33	3.30	2.38	2.00	1.48	4.31	3.19	.15	.62	26.70
77	1.74	1.62	1.53	1.80	9.74	2.32	1.65	3.92	.81	1.34	1.30	.03	27.80
78	.71	2.15	1.45	.95	10.00	3.90	1.08	2.96	1.28	.23	3.40	.60	28.71
MEAN													
S D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION:

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAE OK STATION NAME

49-79

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/RMC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13945 FT SILL AAF OK 69-74

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	80.6	7.6	1.1	1.1	.6	.3	.3	.2	.1					2.9	930	2.0	8.9	.0
FEB	87.2	7.6	.9	7.6	.7	.5	.4	.1						5.2	847	2.2	11.4	.0
MAR	95.3	3.3	.5	.3	.1	.2	.1							1.4	930	.9	9.8	.0
APR	99.9	.1													900	TRACE	TRACE	.0
MAY	100.0														930	.0	.0	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														900	.0	.0	.0
OCT	100.0														930	.0	.0	.0
NOV	96.3	2.4	.4	.6	.2									1.2	900	.3	2.2	.0
DEC	91.4	6.2	.3	.9	.3	.8		.1						2.4	928	1.4	9.2	.0
ANNUAL	96.4	2.4	.3	.5	.2	.1	.1	.0	.0					1.2	10955	6.8		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 STATION FT. SILL AAF OK STATION NAME

49-79 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
49			TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.8
54	2.0	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.0
55	2.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.5
56	TRACE	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58	.4	3.0	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	3.3	9.8
59	2.0	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
60	5.7	2.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.7
61	2.5	3.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.3
62	2.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	3.2
63	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
64	TRACE	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
65	.6	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
66	4.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE	4.0
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68	TRACE	5.0	4.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	5.0
69	.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7
70	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	1.5	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	3.1
72	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.4	1.5
73	3.4	1.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
74	.8	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.8	.5	1.8
75	TRACE	.2	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	5.0
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	TRACE	.5
77	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.0
78	1.0	3.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.9
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME

49-79.

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 FT. SILL AAF OK
STATION STATION NAME

49-79
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
49				TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50		TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51		TRACE	5.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	6.1
52		TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53		3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.8
54		3.1	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.6
55		4.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.5
56		TRACE	5.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.4
57		TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58		.4	4.2	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	9.2	24.7
59		2.0	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.5
60		7.1	3.9	1.7	.0	.0	.0	.0	.0	.0	.0	.0	4.8	17.5
61		2.8	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.5
62		2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	7.3
63		.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
64		TRACE	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
65		.6	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
66		8.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE	* 8.8
67		.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68		TRACE	10.4	7.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	17.5
69		.0	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.9
70		TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71		TRACE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	6.4
72		TRACE	1.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.4	3.9
73		5.5	3.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	8.7
74		1.0	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.8	.5	3.6
75		TRACE	.2	1.2	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	7.4
76		TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	TRACE	.7
77		8.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.9
78		2.5	11.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	15.0
MEAN														
S D.														
TOTAL OBS.														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13945 FI SILL AAF OK
STATION STATION NAME

49-79

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13945

FT SILL AAF OK

49-79

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	.06-10	11-25	.26-50	.51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	85.4	7.3	3.4	1.4	1.1	1.3	.1							7.3	930			
FEB	88.9	5.2	2.5	1.4	.9	1.1								5.9	847			
MAR	97.7	1.3	.5	.2		.2								1.0	930			
APR	99.9	.1													900			
MAY	100.0														930			
JUN	100.0														900			
JUL	100.0														930			
AUG	100.0														930			
SEP	100.0														900			
OCT	100.0														930			
NOV	98.9	.6	.4	.1										.6	900			
DEC	94.6	3.1	.6	.6	.4	.5								2.3	930			
ANNUAL	97.1	1.5	.6	.3	.2	.3	.0							1.4	10957			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME

49-79 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49				0	0	0	0	0	0	0	0	0	0	
50		0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
51		TRACE	4	0	0	0	0	0	0	0	0	1	0	4
52		0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
53		4	TRACE	0	0	0	0	0	0	0	0	0	TRACE	4
54		1	0	1	0	0	0	0	0	0	0	0	3	3
55		5	0	TRACE	0	0	0	0	0	0	0	0	TRACE	5
56		0	3	0	0	0	0	0	0	0	0	0	0	1
57		0	0	0	0	0	0	0	0	0	0	0	0	0
58		TRACE	3	5	0	0	0	0	0	0	0	1	5	5
59		4	2	0	0	0	0	0	0	0	0	0	0	4
60		4	2	1	0	0	0	0	0	0	0	0	2	4
61		3	4	TRACE	0	0	0	0	0	0	0	0	TRACE	4
62		2	2	1	0	0	0	0	0	0	0	0	TRACE	2
63		TRACE	2	0	0	0	0	0	0	0	0	0	TRACE	2
64		0	0	0	0	0	0	0	0	0	0	0	0	0
65		1	0	0	0	0	0	0	0	0	0	0	0	1
66		1	1	0	0	0	0	0	0	0	0	0	0	5
67		0	0	0	0	0	0	0	0	0	0	0	1	1
68		0	5	4	0	0	0	0	0	0	0	0	1	5
69		0	1	2	0	0	0	0	0	0	0	0	2	2
70		1	0	TRACE	0	0	0	0	0	0	0	0	0	1
71		0	1	1	0	0	0	0	0	0	0	TRACE	3	3
72		TRACE	1	0	0	0	0	0	0	0	0	2	TRACE	2
73		4	1	0	TRACE	0	0	0	0	0	0	0	TRACE	4
74		TRACE	0	TRACE	0	0	0	0	0	0	0	1	TRACE	1
75		TRACE	1	TRACE	0	0	0	0	0	0	0	TRACE	3	3
76		0	0	0	0	0	0	0	0	0	0	1	0	1
77		10	0	0	0	0	0	0	0	0	0	0	0	10
78		1	3	0	0	0	0	0	0	0	2	0	1	5
MEAN														
S.D														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 44 0-88-5 (OLA)

2

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

49-79

YEARS

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C

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRML.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13945
STATIONFT SILL AAF OK
STATION NAME53-79
YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						SW 47NE	33W	48NE	42NE	40S	54NW	53	
54	N	52NW	52SSW	54SSE	65NW	75SSE	55N	58SSE	43SE	44S	69SSW	41N	49 NW 75
55	N	53N	61N	63SSE	55NW	57SE	61S	42WSW	60ENE	42NNE	45NNE	58W	45 N 63
56	NNE	38NW	61NNE	56W	51SW	46N	40NW	48SE	40SSW	40S	41N	46NW	38 NW 61
57	N	38NF	44NW	41SE	48WSW	55N	43S	27SSW	47SSW	74W	50NNW	51NNE*46	SSW 74
58	N	*38SSW*37NNE	37NNW	57SSW	46ENE	52WSW	53ENE	32NE	44SSW	40NNE	43NE	38	NNW 57
59	NNW	42WSW	55N	62WNW	49W	*63SSW*43NNE	*47NNE	45SE	31N	40NNW	44NNW*30	W	*63
60	WSW	44SW	43WNW	42WNW	53SSE	43WNW	50N	50N	40W	32SW	*43N	43NNW*48	WNW 53
61	N	48NNE	35WNW	46NNW	46NNE	49N	44ESE	34N	45N	43SSE	36NNW	38N	42 NNE 49
62	N	43N	43SW	40S	36W	64W	48SSE	40W	25NNE	32NNE	34NNW	35N	*41 W 64
63	N	41NNE	41N	36SSE	35SF	39N	45N	35N	*37N	*37N	37N	*43NNW*43	N 45
64	NNW*41W*42NNW	*38NNW	*38NNW	*60SSW*57S	*35ESE*42N	39NNE*38S	*39N	37N	35	NNW*60			
65	N	*41N	*52N	36WNW*37S	47SSW	57N	*34W	*54N	37NNE	34W	48NW	*35	SSW 57
66	N	*33S	*37NW	53SSE*44N	*41W	70ESE	27NW	49N	48WNW	38N	39N	40	W 70
67	WSW	44N	43N	44W	64N	42SW	42WNW	39N	30ENE	*33NNE*37S	*26NW	38	W 64
68	N	40N	46N	45N	44WSW	56N	7036/	3936/	3027/	4818/	3734/	3923/	46 N 70
69	36/	4524/	4033/	4018/	3920/	42 1/	3217/	2729/	4031/	4234/	3235/	3431/	39 36/ 45
70	36/	3736/	3735/	4219/	4417/	2918/	3918/	2919/	3034/	3132/	3135/	3935/	36 19/ 44
71	34/	3633/	3836/	40 2/	4636/	4233/	3235/	2921/	26 1/	3328/	28 1/	3136/	35 2/ 46
72	36/	3636/	3635/	3636/	4233/	3033/	29 7/	35 1/	3736/	3236/	3331/	3836/	44 36/ 44
73	34/	4936/	4219/	4229/	3831/	4729/	5416/	5234/	32 1/	4817/	3314/	3535/	42 29/ 54
74	36/	3836/	43 1/	3817/	5224/	4535/	3518/	33 1/	4510/	41 2/	36 1/	3834/	40 17/ 52
75	1/	54 1/	4126/	3615/	4026/	50 1/	4932/	3614/	3136/	3420/	3129/	43 2/	36 1/ 54
76	35/	5335/	5135/	4016/	4627/	5018/	3729/	4511*	3016/	33 2/	36 2/	39 2/	46 35/ 53
77	2/	5326/	4629/	4833/	3614/	50 1/	38 3/	4727/	3232/	40 1/	4034/	4124/	49 2/ 53
78	1/	4435/	4336/	3915/	47 2/	5528/	3226/	3623/	3415/	36 3/	39 2/	32 1/	34 2/ 55
79	36/	45 1/	45										
MEAN	44.2	44.8	44.0	47.0	48.1	45.9	38.9	38.3	40.3	38.3	41.1	41.3	54.6
S.D.	6.031	7.169	8.027	8.409	10.139	11.357	9.087	8.656	9.325	8.280	6.639	5.389	9.597
TOTAL OBS.	779	701	760	735	752	759	786	786	765	784	749	779	9135

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 088-5 (C.A.)

* (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1394¹ STATION FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS JAN NORTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	7.3	5.9	8.5	2.8	1.5	.4					29.7	10.5
NNE	1.1	2.0	2.5	.8	.3							6.7	7.3
NE	.5	1.7	.3	.1								2.7	4.9
ENE	.5	.5	.1									1.2	4.1
E	.6	.4	.1									1.2	3.4
ESE	.5	1.0	.5	.1								2.2	5.3
SE	1.0	1.0	.9	.5								3.3	6.2
SSE	.6	2.8	3.0	1.5								8.0	7.6
S	1.1	2.0	4.1	2.5		.1						9.9	8.4
SSW	.4	1.1	.3	.2								2.0	5.5
SW	.8	.8	.4			.1						2.0	5.5
WSW	.5	1.2	.3									2.0	4.5
W	.2	.9	.2	.1								1.4	5.2
WNW	.1		.1									.2	5.5
NW	.2	.8	.4	.1	.1	.2						1.8	8.8
NNW	.9	1.0	1.4	1.1			.1					4.4	8.2
VARBL													
CALM												21.3	
	12.4	24.4	20.6	15.6	3.2	1.9	.5					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

66-70, 73-79
YEARS

JAF
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	8.0	7.5	9.9	2.3	1.9	.5					33.3	10.6
NNE	1.0	1.8	2.7	1.2	.1	.1						6.9	7.7
NE	.6	.4	.5									1.6	5.1
ENE	.5	.5	.2									1.3	4.6
E	.8	.8										1.5	3.5
ESE	1.0	.2	.2									1.4	3.5
SE	.8	1.4	1.2	1.2								4.5	7.5
SSE	1.1	3.0	1.9	1.2								7.2	6.8
S	1.3	1.9	3.0	1.5								7.7	7.2
SSW	1.3	1.0	.3	.2								2.8	4.8
SW	1.1	.4	.1	.2								1.8	4.2
WSW	1.0	.9	.2									2.0	3.6
W	.8	.6	.2									1.6	4.1
WNW	.3	.2	.5									1.1	5.5
NW	.3	.2	.3	.3								1.2	8.0
NNW	.2	.8	1.0	1.4	.4							3.8	10.2
VARBL													
CALM												20.2	
	15.2	22.2	20.0	17.1	2.8	2.0	.5					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FI SILL AAF PK
STATION NAME

63-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	6.6	7.8	8.6	4.2	1.7	.6					32.7	11.2
NNE	1.6	2.6	3.7	.8								8.6	6.6
NE	.9	.5	.6									2.0	5.0
ENE	.2	.2	.4									.9	6.1
E	.2	.2	.1									.5	3.8
ESE		.4										.4	5.0
SE	1.5	1.0	.8	.0								3.9	5.6
SSE	1.7	1.3	2.0	2.4								8.4	7.9
S	1.5	2.3	2.7	1.7	.3							8.5	7.8
SSW	1.0	.9	.3									2.2	4.0
SW	1.1	1.0	.4	.3								2.8	5.2
WSW	.3	.3										.6	3.7
W	.2	.6	.3									1.2	5.1
WNW	.2	.3	.1	.1	.2							1.0	8.2
NW	.2	.3	.3	.3	.1							1.3	8.8
NNW	.5	1.5	1.0	1.3	.4		.1					4.8	9.5
VARBL													
CALM												20.2	
	14.3	20.0	21.6	16.1	5.3	1.7	.8					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	8.4	9.6	4.0	3.3	.4					29.7	13.3
NNE	.4	2.3	3.2	2.6	.4	.1		.1				9.1	9.4
NE	1.3	1.2	1.3	.2								4.0	5.8
ENE	.3	.5	.5									1.4	5.6
E	.8	.4	.2									1.4	4.1
ESE	.4	.2	.2									.9	4.1
SE	.4	.5	.8	.5								2.3	7.6
SSE	1.1	2.6	2.4	2.6	.6							9.2	8.7
S	1.1	3.8	3.3	4.9	1.1							14.2	9.2
SSW	.6	1.2	.8	1.2	.5							4.3	9.2
SW	1.1	1.2	1.9	.5								4.7	6.6
WSW	.2	.3	.5	.1								1.2	6.4
W	.1	.4	.3		.1							1.0	7.1
WNW	.1	.2	.1	.1								.5	7.2
NW		.2	.2	.4	.3	.1						1.3	13.5
NNW	.2	.5	1.2	.9	.8	.3						3.9	12.3
VARBL													
CALM												11.0	
	9.2	18.5	25.4	23.7	7.8	3.9	.4	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS JAN MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	5.8	8.6	3.4	2.7	.1					24.2	13.1
NNE	.8	2.0	3.7	2.7	.6							9.8	9.5
NE	.6	1.3	1.6	.5								4.1	7.2
ENE	.3	.9	.6									1.8	5.6
E	.8	.9	.1									1.7	4.0
ESE	.6	.4	.5									1.6	5.4
SE	.2	.3	.4	.4								1.4	7.8
SSE	.8	1.4	3.3	2.6	.3							8.4	9.4
S	.9	2.2	4.5	7.2	1.2							15.9	10.6
SSW	.3	1.7	2.4	2.0	.9							7.3	10.1
SW	.5	1.9	2.7	1.5	.3							7.0	8.7
WSW	.3	.4	.8	.5	.1							2.2	8.8
W	.6	.2	.2	.5								1.6	6.7
WNW	.1	.2	.1	.2	.3	.1						1.1	12.5
NW	.1	.6	.1	.4	.1							1.4	8.9
NNW	.9	.9	1.1	2.3	1.1	.4						6.6	11.6
VARBL													
CALM												4.0	
	8.9	17.8	28.0	29.6	8.4	3.2	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945

STATION

FT SILL AAF OK

STATION NAME

68-70,73-79

YEARS

JAN

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	6.0	7.0	4.5	1.7	.3					21.8	13.5
NNE	1.1	1.7	3.3	1.9	.3							8.4	8.6
NE	.4	1.8	1.7	.2								4.2	6.7
ENE	.2	.9	.9									2.0	6.1
E	.9	.9	1.1	.1								2.9	5.6
ESE	.8	1.0	.8	.1								2.6	5.7
SE	.6	.8	1.7	.8								3.9	7.6
SSE	.6	2.2	2.2	3.4	.4							8.8	9.5
S	.3	3.7	5.9	4.8	1.0	.1						15.8	9.8
SSW	.6	1.0	2.5	2.0	.2							6.3	9.1
SW	.5	1.2	1.9	1.1								4.7	8.2
WSW	.4	1.3	.5	.3	.2							2.8	7.4
W	.3	.5	.3	.3								1.5	7.1
WNW		.2	.3	.2								.8	8.9
NW	.1	.3	.5	1.2	.1							2.3	10.8
NNW	.5	1.2	1.6	1.9	.4	.2						5.9	10.3
VARBL													
CALM												5.3	
	8.0	20.4	31.3	25.5	7.2	2.0	.3					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.8	4.9	5.9	2.4	1.5	.1					19.7	11.3
NNE	.6	3.1	2.7	1.3	.1	.1						3.5	8.0
NE	1.4	3.1	1.2	.3								6.0	5.3
ENE	1.0	1.1	.3									2.4	4.1
E	.9	2.7	.4									4.0	4.7
ESE	.6	1.1	.4	.1								2.3	5.0
SE	1.2	1.3	1.4	1.0								4.8	7.0
SSE	1.6	3.5	3.9	2.0								11.6	7.6
S	1.7	2.5	4.2	1.7								10.1	7.4
SSW	.9	.3	.9	.8								2.8	7.2
SW	.6	1.2										1.8	3.8
WSW	.9	.3	.2	.1								1.5	4.3
W	.2	.8										1.0	4.2
WNW	.2	.1										.3	3.0
NW	.8	.3	.5	.3								1.9	6.3
NNW	.3	1.3	1.3	.4	.3							4.1	7.5
VARBL													
CALM												17.2	
	15.4	25.5	22.4	15.1	2.8	1.6	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.5	5.9	6.6	1.6	1.6	.2					23.3	10.3
NNE	1.1	3.3	3.1	1.4		.2						9.1	7.8
NE	.2	1.1	1.3									2.6	6.0
ENE	.6	.8	.5	.1								2.2	5.0
E	.4	.9	.2	.1								1.6	4.9
ESE	.8	1.1	.2	.1								2.2	4.5
SE	1.1	1.9	1.4	.5	.1							5.1	6.5
SSE	.9	2.3	4.5	2.5	.1							10.2	8.5
S	1.3	1.9	3.5	1.6	.3							8.9	8.2
SSW	.4	.8	.9									2.0	5.9
SW	.4	.6	.1	.1								1.3	4.8
WSW	.9	.9			.1	.1						1.9	5.3
W	.6	1.1	.2									2.0	3.8
WNW	.3	.2	.1	.1								.8	5.3
NW	.3	.2	.2			.2						1.0	8.8
NNW	1.1	.8	1.2	1.4	.1	.2						4.7	8.8
VARBL													
CALM												21.1	
	13.1	23.2	23.4	14.2	2.4	2.4	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF MK STATION NAME 46-70,73-79 YEARS JAN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.7	6.5	8.0	3.1	2.0	.3					26.8	11.6
NNE	1.0	2.4	3.1	1.6	.2	.1		.0				8.4	9.2
NE	.8	1.4	1.1	.2								3.4	5.9
ENE	.5	.7	.5	.0								1.6	5.1
E	.7	.9	.3	.0								1.9	4.5
ESE	.6	.7	.4	.1								1.7	4.9
SE	.8	1.0	1.1	.7	.0							3.6	6.9
SSE	1.0	2.4	3.0	2.3	.2							9.0	8.3
S	1.1	2.5	3.9	3.3	.5	.0						11.4	8.9
SSW	.7	1.0	1.0	.8	.2							3.7	7.9
SW	.8	1.0	1.0	.5	.0	.0						3.3	6.8
WSW	.6	.7	.3	.1	.1	.0						1.8	5.8
W	.4	.6	.2	.1	.0							1.4	5.3
WNW	.2	.2	.2	.1	.1	.0						.7	7.7
NW	.3	.4	.3	.4	.1	.1						1.5	9.2
NNW	.6	1.0	1.2	1.3	.4	.1	.0					4.8	9.9
VARBL													
CALM												15.0	
	12.1	21.5	24.1	12.6	5.0	2.4	.4	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	7.8	7.1	7.0	2.4	1.8	.2					30.3	9.7
NNE	1.1	1.7	1.8	1.7	1.3	.2						7.7	9.8
NE	.4	1.2	.2	.1	.1							2.0	6.0
ENE	.8	.4	.2	.1								1.3	5.2
E	.5	.5	.5	.1								1.5	5.6
ESE	.5	.4	.4	.1								1.3	5.2
SE	.7	.6	.9	.5								2.7	6.8
SSE	.9	1.1	3.9	.5								6.4	7.3
S	1.8	2.7	3.9	3.7								12.1	6.1
SSW	.4	.9	.6	.4								2.2	6.7
SW	1.1	.5	.4									1.9	3.6
WSW	1.1	.9	.4	.1	.2							2.7	5.8
W	.4	.6	.7	.2	.2							2.1	8.3
WNW	.2	.1	.1	.2	.1							.8	9.1
NW	.2	.2	.7	.5	.2	.1						2.0	10.8
NNW	1.1	1.1	1.9	.6	.2	.1						5.0	7.8
VARBL													
CALM												18.0	
	14.8	20.6	23.6	15.7	4.6	2.2	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK 68-70, 73-79 YEARS FEB MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	5.3	7.7	8.6	3.4	1.4	.1					30.1	10.5
NNE	1.2	1.9	2.4	2.2	.7	.2	.1					8.7	9.6
NE	.8	.8	.2	.1								2.0	4.8
ENE		.8	.5									1.3	5.5
E	.5	.1	.6	.4								1.8	7.9
ESE	.4		.2									.6	4.2
SE	.4	.2	.5	.2								1.5	6.2
SSE	1.2	2.2	2.6	.4								6.4	6.2
S	1.8	3.0	3.4	1.4								9.6	7.0
SSW	.7	1.3	1.2									3.2	5.4
SW	.8	.7	.2									1.8	4.2
WSW	.8	.8	.7									2.4	4.7
W	1.3	.4	.2	.5	.2							2.5	6.4
WNW	.2	.2	.1	.1		.1						.8	2.6
NW	.4	.6	.9	.9	.1							3.0	3.8
NNW	1.1	.8	2.0	1.2	.4							5.4	3.7
VARBL													
CAIM												18.8	
	15.0	19.3	23.8	16.3	4.8	1.2	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13945 FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS FEB MONTH
CLASS ALL WEATHER 0600-0800 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.4	8.2	8.2	3.0	.7						29.3	9.7
NNE	.8	1.3	1.1	2.6	.9	.6						7.3	11.3
NE	.8	1.5	.1		.1							2.6	4.7
ENE	.0	.4	.1									1.1	3.8
E	.4	.4	.5	.6								1.8	8.0
ESE	1.1	.1	.4	.1								1.7	4.6
SE	.9	1.5	.5	.2	.1							3.3	5.6
SSE	1.8	2.0	1.8	1.2								6.7	6.8
S	2.5	1.7	2.2	1.5	.1							8.0	6.8
SSW	.6	1.2	.5									2.2	5.1
SW	.9	1.1	.2									2.2	4.0
WSW	.9	1.2	.6									2.7	4.3
W	.6	.8	.2	.1								1.8	4.9
WNW	.1	.4	.1	.1	.1							.8	8.1
NW	.2	.5	.6	.6	.1	.1						2.1	9.8
NNW	.9	.6	1.5	2.5	.7	.2	.1					6.6	11.2
VARBL													
CALM												19.6	
	17.1	20.0	18.6	17.7	5.2	1.7	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF MK
STATION NAME

68-70, 71-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.7	5.1	8.4	5.3	2.0	.5					24.5	13.5
NNE	1.1	.8	2.4	3.1	.9	.4						8.6	11.0
NE	.5	1.3	1.2	.5	.1							3.5	7.1
ENE	.7	.7	.0	.1								2.4	5.8
E	.9	1.1	.6	.0								3.2	6.4
ESE	.4	.9	.8	.1								2.2	6.6
SE	1.1	1.1	.9	.6								3.7	6.1
SSE	1.5	.9	1.9	1.1	.5							5.9	8.0
S	1.3	2.4	3.4	5.1	.6							12.8	9.7
SSW	.8	2.4	2.0	1.2	.7	.2						7.3	9.1
SW	.8	1.7	2.6	.6	.1							3.8	7.2
WSW	.2	.9	.6	.4								2.1	7.1
W	.1	.4	.1	.8	.1							1.5	10.6
WNW	.1	.2	.1	.1	.1							.7	8.7
NW	.1	.4	.7	.5	.1	.1						1.9	10.8
NNW	.2	.6	2.0	2.7	.9	.6	.4					7.4	13.8
VARBL													
CALM												6.4	
	11.5	17.4	25.3	25.8	9.6	3.3	.8					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	5.0	7.8	4.7	1.5	.5					21.4	13.9
NNE	.7	.6	1.3	3.8	.5	.5						7.0	10.9
NE	.2	.5	1.8	.9	.2							3.7	9.4
ENE	.4	.6	1.8	.1								2.8	7.1
E	.4	.9	.7									2.0	5.5
ESE	.4	.6	.4	.0	.1							2.0	8.1
SE	.5	.9	1.5	.6								3.5	7.8
SSE	.7	1.5	1.2	1.8	.1	.2						5.6	9.0
S	1.2	3.9	3.4	4.6	1.7	.4						15.4	10.1
SSW	.1	1.8	2.5	4.1	1.3	.4						10.2	11.9
SW	.6	1.1	3.0	2.1	.4							7.1	9.5
WSW	.5	.6	1.4	.8	.1							3.4	8.9
W	.2	.5	.0	.5								1.8	7.6
WNW	.1	.2	.2	.1	.1	.1						.9	10.5
NW	.1	.2	.6	.9	.2	.1						2.2	11.9
NNW	.4	.4	2.0	3.1	1.3	.2	.1					7.4	12.6
VARBL													
CALM												3.5	
	6.9	15.7	27.3	32.2	10.8	3.1	.6					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 68-70, 73-79 YEARS FFB MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	5.2	7.2	2.8	1.3	.2					19.0	12.9
NNE	.9	1.2	2.6	3.2	.8							8.7	9.9
NE	.4	.4	1.5	1.2								3.4	9.2
ENE	.4	.5	.9	.1								1.8	6.6
E	.5	1.3	.9	.6								3.3	6.5
ESE	.4	1.1	.7	.6								2.7	6.9
SE	.9	.4	.8	.4	.1							2.6	7.1
SSE	.5	1.8	2.1	2.1	.2							6.7	9.1
S	.7	1.4	5.4	5.6	1.9	.4						15.4	11.3
SSW	.6	1.4	2.0	2.8	.6	.1						7.6	10.5
SW	.6	1.9	1.7	.9	.5							5.6	8.3
WSW	1.1	1.3	.7	.6	.1	.2						4.0	8.0
W	.1	.9	1.3	.4	.1	.2						3.1	9.4
WNW	.1	.1	.7	.1	.2							1.3	9.3
NW	.2	.4	.4	.4	.4	.1						2.4	11.9
NNW	.2	1.1	2.1	2.6	1.9	.2						8.4	12.4
VARBL													
CALM												4.0	
	7.7	17.1	29.1	29.3	9.7	2.8	.2					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 58-70,73-79 YEARS FEB MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	5.5	6.2	1.3	1.7						19.6	10.8
NNE	1.3	2.3	3.0	3.2	.2							10.0	8.6
NE	1.2	.8	.8	.6								3.4	6.0
ENE	.4	.4	.6									1.3	5.3
E	.9	1.4	.4									2.7	4.5
ESE	1.1	1.3	.6	.4								3.3	5.5
SE	1.3	3.1	1.5	.5	.1							6.5	6.1
SSE	1.4	3.1	4.0	1.2	.1							9.8	7.4
S	2.4	3.6	3.2	3.1	.2							12.5	7.7
SSW	.9	1.7	.9	.7								4.3	6.2
SW	.8	.4		.1								1.3	4.5
WSW	.8	.6	.4	.4	.1							2.3	6.8
W	.6	.8	.5			.4						2.3	8.0
WNW	.2	.4	.1	.2	.1							1.1	8.2
NW	.7	.4	.2	.5	.2							2.0	8.2
NNW	.7	1.4	1.3	.9	.2	.4						5.0	9.0
VARBL													
CALM												12.7	
	16.4	24.9	23.0	17.9	2.7	2.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

F1 SILL AAF OK
STATION NAME

60-70, 73-79
YEARS

Feb
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	5.3	5.5	7.9	1.5	1.4	.5					25.3	10.6
NNE	.5	1.7	2.0	3.1	.2	.1						7.6	9.6
NE	.2	.9	.6	.2	.1	.1						2.3	2.6
ENE	.7	.2	.2									1.2	3.3
E	.7	.4	.1									1.2	3.8
ESE	.9	1.1	.9	.6								3.6	6.2
SE	1.4	1.8	1.7	.7	.1							5.7	6.8
SSE	2.0	2.6	3.6	2.4								10.6	7.4
S	.8	2.5	3.4	3.1								9.8	8.6
SSW	.5	.7	.5	.5								2.1	7.3
SW	.8	.1										.9	2.4
WSW	.9	.9	.4	.4								2.6	5.5
W	.9	.6	.1		.1							1.8	4.3
WNW	.2	.1	.2	.1	.2							.9	10.5
NW	.7	.4	.2	.4		.1						1.8	7.5
NNW	1.1	.9	1.5	.8	.1	.4	.1					5.0	9.1
VARBL													
CALM												17.7	
	15.7	20.3	21.0	20.2	2.5	2.1	.6					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.1	0.1	7.7	3.1	1.5	.3					24.9	11.3
NNE	.9	1.4	2.1	2.9	.7	.2	.0					8.2	10.0
NE	.6	.9	.8	.5	.1	.0						2.9	7.2
ENE	.5	.5	.0	.1								1.6	5.7
E	.0	.8	.6	.3								2.2	6.1
ESE	.6	.7	.5	.3	.0							2.2	6.1
SE	.9	1.2	1.0	.5	.1							3.7	6.6
SSE	1.3	1.9	2.6	1.3	.1	.0						7.3	7.6
S	1.6	2.6	3.6	3.5	.6	.1						11.9	8.4
SSW	.6	1.4	1.3	1.2	.3	.1						4.9	9.0
SW	.8	.9	1.0	.5	.1							3.3	7.0
WSW	.8	.9	.6	.3	.1	.0						2.8	6.6
W	.5	.6	.5	.3	.1	.0						2.1	7.5
WNW	.2	.2	.2	.1	.1	.0						.9	9.2
NW	.3	.4	.5	.7	.2	.1						2.2	10.0
NNW	.7	.9	1.8	1.8	.7	.5	.1					6.3	11.0
VARBL													
CALM												12.6	
	13.1	19.4	24.0	21.9	6.3	2.4	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 6762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF INK
STATION NAME

67-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.8	5.5	6.7	2.0	1.0	.1					22.5	10.2
NNE	1.1	1.6	1.6	2.3	.4							7.0	8.8
NE	1.0	.8	.3	.3								2.4	5.5
ENE	.2	.6	.5	.2								1.6	6.3
E	.1	.6	1.0	.5								2.3	8.2
ESE	.4	.4	.2	.5		.2						1.8	9.1
SE	.6	1.7	2.3	.3		.1						5.3	7.2
SSE	1.9	3.9	3.2	4.4	.4	.1						14.0	8.6
S	.6	1.8	4.4	3.9	.5							11.3	9.9
SSW	.5	.9	.6	.1								2.5	5.1
SW	1.1	1.3	.3	.2								2.9	4.9
WSW	1.1	1.0	.5	.1								2.7	4.7
W	.3	1.2	.5	.6								2.7	7.7
WNW			.3	.2	.2							.8	13.9
NW	.3	.4	.4	.1	.3	.1						1.7	9.4
NNW	.2	1.4	1.7	1.6	.4							5.4	9.7
VARBL													
CALM												13.3	
	12.3	22.5	23.5	22.4	4.4	1.8	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13943
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.7	5.7	6.9	2.9	1.0						23.5	10.7
NNE	.9	1.2	1.9	1.7	.5	.3	.1					6.7	10.2
NE	.2	1.1	.3	.3								1.9	6.5
ENE	.3	.3	.6	.1								1.4	6.3
E	.5	.5	.6	.1								1.8	5.8
ESE	.6	1.0	1.4	.1								3.1	6.3
SE	1.4	1.7	.9	.5								4.5	5.8
SSE	1.2	2.6	3.4	3.4	.1	.3						11.1	9.0
S	.8	3.2	4.8	2.4	.1							11.3	8.1
SSW	1.4	1.2	.3	.5								3.4	5.4
SW	1.0	.8	.2									1.9	3.8
WSW	.9	1.4	1.0	.1								3.3	5.7
W	.4	1.0	.3	.1								1.8	4.8
WNW	.1	.2	.2	.1	.2	.1						1.0	12.7
NW	.5	.4	.3	.5	.5	.3						2.7	11.7
NNW	.3	1.2	1.7	1.9	.2	.2						5.6	10.2
VARBL													
CALM												14.8	
	11.9	23.4	23.9	18.9	4.6	2.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILI AAF OK STATION NAME 67-70, 73-78 YEARS MAR NORTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.8	4.4	6.6	4.3	1.4	.1					23.7	11.5
NNE	1.1	1.2	2.7	1.2	.8		.1					6.9	9.0
NE	.4	1.0	1.1	.6								3.1	7.4
ENE		.4	.4	.1								1.0	7.4
E	.1	.8	.4	.1								1.4	6.2
ESE	.5	.1	1.0	.4								2.0	7.9
SE	.3	1.2	1.0	.9	.3							3.7	8.5
SSE	.8	2.3	4.1	3.3	.3							10.8	9.1
S	1.6	3.2	3.5	3.8								12.2	8.0
SSW	2.0	1.2	1.0	.2	.1							4.5	5.2
SW	.5	.6	.6	.2								2.2	5.5
WSW	.9	1.3	.6									2.8	6.7
W	.5	.6	.5	.4								2.3	6.7
WNW	.1	.2	.2									.5	5.6
NW	.3	1.0	.6	.3	.2	.4						2.9	10.0
NNW	.8	2.2	1.3	1.3	.4	.2						6.3	9.0
VARBL													
CALM												13.9	
	12.3	22.0	23.5	19.7	6.3	2.0	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILI AAF OK STATION NAME 57-70, 73-78 YEARS MAR MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	3.7	8.1	3.9	2.3	.2					19.6	14.3
NNE	.4	1.0	1.9	2.9	.9	.2						7.3	11.2
NE	.2	1.3	1.6	1.2								4.3	8.6
ENE		1.0	1.0	.1								2.0	7.3
E	.5	1.0	.5	.5								2.6	7.1
ESE	.2	.4	.9	.5								2.0	8.6
SE	.3	.9	1.3	2.5	.5							5.5	11.2
SSE	.4	1.1	2.7	4.2	.8							10.1	10.5
S	.3	1.1	4.2	7.3	2.3	.2						15.4	12.3
SSW	.8	1.3	2.4	2.9	.3							7.6	9.5
SW	.5	1.4	3.0	1.7	.4							7.1	9.1
WSW	.3	.9	1.3	.9	.2							3.5	8.7
W	.4	.4	.3	.4	.1							1.7	7.9
WNW	.1		.1	.2		.2						.6	14.5
NW	.1	.3	.3	.5	.1	.1						1.4	10.5
NNW	.2	.9	1.5	2.2	1.1	.4						6.2	12.2
VARBL													
CALM												2.9	
	5.4	14.0	27.6	36.0	10.4	3.4	.2					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME ALL WEATHER CLASS YEARS 67-70, 73-78 MONTH MAR HOURS (L.S.T.) 1200-1400

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	3.2	6.9	4.2	.9	.3					16.6	14.4
NNE	.3	.6	1.4	3.2	.6	.1						6.9	11.9
NE	.6	.6	1.1	.9								3.2	7.9
ENE		.4	.2	.2								.9	8.0
E	.3	.5	1.3	.7								2.7	7.8
ESE	.2	.2	1.0	.5								1.9	8.5
SE	.1	.6	1.3	2.3	.4	.1						4.8	11.5
SSE		.8	2.4	4.7	1.4	.3						9.6	12.7
S	.4	1.3	3.1	7.7	4.3	.3						17.2	13.3
SSW	.3	1.1	3.4	4.4	1.0							10.2	11.1
SW	.2	.9	2.3	2.3	.5	.1						6.8	10.9
WSW	.1	.3	1.6	1.1	1.0	.2						4.3	12.3
W	.2	.2	.5	.6	.1	.6						2.2	12.8
WNW	.3		.2	.5	.1	.2						1.4	12.4
NW		.3	.3	.8	.2	.2						1.8	13.6
NNW	.4	.4	1.2	3.8	1.4							7.2	13.0
VARBL													
CALM												2.4	
	4.0	9.1	24.5	41.5	15.3	2.4	.3					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILI AAF OK STATION NAME 67-70, 73-78 YEARS MAR MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	4.4	5.8	2.4	1.6	.1					15.8	13.3
NNE	.1	.9	1.5	3.2	1.6							7.3	12.5
NE		1.0	1.0	.6								2.6	8.5
ENE	.2	.9	.4	.3								1.8	7.4
E	.6	.3	1.1	1.0								3.0	8.1
ESE	.1	.3	1.3	.6	.1							2.5	9.8
SE	.3	1.0	2.0	3.4	1.1	.3						8.2	12.0
SSE	.1	1.0	2.2	3.7	1.3	.3						8.7	12.9
S	.3	1.6	4.2	7.1	4.1	.5						17.8	13.0
SSW	.4	1.3	2.0	3.8	.8							4.3	10.8
SW	.2	1.1	1.9	1.7	.3							5.3	9.6
WSW	.2	.4	1.3	1.1	.3	.3						3.7	11.5
W	.1	.2	.6	1.0	.6	.6	.1					3.3	15.5
WNW		.4	.4	.2	.1							1.2	9.3
NW		.1	.4	2.6	.2	.2						3.0	13.8
NNW		.8	1.4	2.6	.8	.3						5.8	12.7
VARBL													
CALM												1.7	
	3.3	12.2	26.2	38.2	13.7	4.5	.2					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13945 STATION NAME FI SILL AAF OK YEARS 67-70, 73-78 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
CONDITION

SPFED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.8	3.7	4.8	1.9	1.4	.1					14.2	12.8
NNE	.5	1.8	1.8	2.3	.5	.1						7.3	10.0
NE	1.0	2.2	.8	1.0								4.8	8.9
ENE	.6	1.3	1.0	.1		.1						3.1	6.6
E	1.0	1.3	1.4	.3								4.0	6.1
ESE	.3	1.1	1.2	.3	.3							3.2	8.1
SE	.5	1.8	3.4	3.4	.4	.2						10.2	9.7
SSE	.6	2.6	4.3	5.3	.8							13.5	10.2
S	1.0	3.8	4.0	4.4	.5							13.7	8.9
SSW	.5	1.1	1.4	.6								3.7	7.3
SW	.5	.8	.4	.5								2.3	6.9
WSW	.4	.2	.5	.3	.1							1.6	8.1
W	.2	.9	.9	.5	.5	.1						3.1	10.0
WNW	.2	.1	.6	.2	.3							1.5	10.3
NW	.3	.4	.8	.8	.3							2.6	9.7
NNW	.4	.6	1.7	1.6	.4							4.8	10.2
VARBL													
CALM												6.3	
	9.0	21.7	27.8	26.8	6.2	1.9	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945 FT SILL AAF OK

67-70, 73-78

MAP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.7	3.1	4.3	2.5	1.2	.1					16.3	11.3
NNE	.4	1.7	2.8	2.9	.3							8.2	9.7
NE	.3	1.5	1.0	.9	.1							4.0	7.5
ENE	.3	1.5	.5	.1								2.5	5.9
E	.2	1.5	1.1									2.8	6.1
ESE	.5	1.7	1.0	.8	.2							4.2	7.8
SE	1.3	1.4	3.4	2.3	.2	.1						8.7	8.5
SSE	1.0	3.9	4.3	5.1	1.2	.1						15.5	9.7
S	.3	2.2	3.4	4.1	.9							10.9	10.1
SSW	.4	1.2	.5	.1								2.3	5.5
SW	.3	.8	.1	.4								1.6	6.3
WSW	1.2	.5	.2	.1								2.0	4.2
W	.6	.5	.6	.5								2.4	7.5
WNW	.1	.2	.3	.2	.3	.1						1.6	12.2
NW	.1	1.3	.6	.3								2.4	7.2
NNW	.4	.6	2.0	1.4	.3							4.8	9.8
VARBL													
CALM												9.9	
	9.4	24.2	25.2	23.8	6.0	1.5	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS MAR MONTH
ALL WEATHER CLASS ALL MONTHS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.0	4.2	6.2	3.0	1.3	.1					19.0	12.1
NNE	.6	1.2	2.0	2.6	.7	.1	.0					7.2	10.4
NE	.5	1.2	.9	.7	.0							3.3	7.4
ENE	.2	.8	.6	.2		.0						1.8	6.7
E	.4	.8	.9	.4								2.6	6.9
ESE	.4	.7	1.0	.5	.1	.0						2.6	8.1
SE	.7	1.3	1.9	2.0	.4	.1						6.4	9.5
SSE	.8	2.2	3.4	4.4	.8	.2						11.7	10.2
S	.7	2.3	4.0	5.1	1.6	.1						13.7	10.8
SSW	.8	1.1	1.5	1.6	.3							5.3	8.7
SW	.0	.9	1.1	1.0	.2	.0						3.7	8.2
WSW	.6	.8	.9	.5	.2	.1						3.0	8.0
W	.4	.6	.6	.5	.2	.1	.0					2.4	9.6
WNW	.1	.1	.3	.3	.2	.1						1.1	11.2
NW	.2	.5	.5	.7	.2	.2						2.3	10.7
NNW	.3	1.0	1.6	2.1	.6	.1						5.8	11.0
VARBL													
CALM												8.2	
	8.4	18.6	25.3	28.4	8.4	2.5	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK

STATION NAME

67-70, 73-78

YEARS

APR

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	6.3	3.6	2.1	1.0	.2	.1					16.0	7.6
NNE	.2	1.4	1.7	.9	.1							4.3	8.4
NE	.2	1.3	.8									2.3	5.9
ENE	.3	1.0	.2									1.6	5.1
E	.6	.7	.4									1.7	4.8
ESE	.7	.6	.4	.1								1.8	5.3
SE	.9	2.4	3.1	2.4	.1							9.4	8.4
SSE	2.1	5.2	7.8	5.9	1.3	.3		.1				22.8	9.4
S	.8	2.4	2.7	5.4	.8	.2						12.3	10.4
SSW	.1	1.0	.3	.3								1.8	7.0
SW	.4	.4	.1	.2								1.2	5.5
WSW	1.2	.4	.1	.2								2.0	4.4
W	.8	.2	.2	.1								1.3	4.3
WNW	.4	.7	.2	.1								1.4	5.5
NW	.8	.4	.4	.8								2.4	7.7
NNW	1.2	.9	.8	1.8	.7	.3						5.7	10.2
VARBL													
CALM												11.9	
	13.4	25.6	22.9	20.9	4.0	1.1	.1	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS APR MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.8	4.1	2.9	1.0	.6						16.9	8.1
NNE	1.0	1.8	1.7	.9	.3							6.2	7.2
NE	.8	.4	.6	.3								2.1	5.9
ENE	.4	.2	.1									1.1	4.1
E		.8	.6		.1							1.4	6.8
ESE	.4	1.2	.9									2.6	5.7
SE	1.6	1.8	2.4	1.0	.1	.1						7.6	7.3
SSE	1.2	5.2	5.3	2.4	.5							17.8	8.8
S	2.0	2.3	5.3	3.3	.6							13.6	8.5
SSW	.8	.9	.8	.1								2.6	5.6
SW	.3	.2	.4	.1	.1							1.2	7.5
WSW	1.4	1.3	.4		.1							3.2	4.9
W	1.1	1.1	.3	.1								2.7	4.4
WNW	.1	.3		.1								.6	5.4
NW	.1	.4	.7	.4								1.7	8.9
NNW	.2	.8	1.1	1.3	1.0	.1						5.1	10.9
VARBL													
CALM												13.8	
	16.1	24.0	24.8	16.7	3.9	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.8	3.1	3.4	1.2	.6						13.6	9.7
NNE	.9	2.4	2.1	1.1	.1	.1						6.8	7.5
NE	.7	.7	1.2	.3	.2							3.1	7.8
ENE		.4	.4									.9	6.9
E	.1	.4	.8	.2								1.6	7.6
ESE	.2	1.4	.6	.6								2.8	7.0
SE	.8	1.4	3.3	1.9								7.4	8.5
SSE	1.8	2.6	6.1	5.8	.3							16.6	9.2
S	1.7	3.6	5.2	3.6	.6							14.6	8.6
SSW	.5	1.3	.5	.1								2.8	5.6
SW	.4	1.3	.4	.1								2.3	5.6
WSW	1.0	2.7	1.0	.2								4.9	5.3
W	.6	1.2										1.8	3.8
WNW	.1	.1	.2	.2								.7	8.5
NW	.7	.4	.8	.2								2.1	6.3
NNW	.6	.8	2.0	2.4	.6	.1						6.4	10.6
VARBL													
CALM												11.8	
	11.4	24.7	28.1	20.2	3.0	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

APR
MONTH
0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	2.1	5.2	2.2	.4						11.3	13.1
NNE	.4	.9	1.2	1.4	.1	.2						4.3	9.8
NE	.4	.7	1.0	1.4								3.6	9.1
ENE	.2	.9	.8	1.0								2.9	8.6
E	.6	.9	1.3	.6								3.3	7.3
ESE	.1	.3	1.7	.7	.2							3.0	9.7
SE	.1	.7	1.7	3.0	.2							5.7	11.2
SSE	.2	1.2	2.4	6.9	2.2	.2						13.2	12.7
S	.3	1.4	4.0	8.2	3.3							17.3	12.6
SSW	.2	1.3	2.2	4.1	.6							8.4	11.1
SW	.7	1.4	3.1	1.8	.1							7.1	8.7
WSW	.2	.8	1.7	1.0								3.7	8.3
W		.4	.7	1.0	.1							2.8	11.0
WNW	.2	.3	.8	.2								1.6	7.1
NW	.1	.1	.8	1.0								2.0	10.7
NNW	.4	.3	1.4	1.9	1.2							5.3	12.1
VARBL													
CALM												4.4	
	5.0	12.4	26.9	40.0	10.3	.9						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OR
STATION NAME

67-70, 73-78
YEARS

APR
MONTH
1200-1400
HOURS (L S T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.8	2.3	4.8	1.9	.1						10.5	12.3
NNE	.2	.7	1.4	1.7	.1							4.1	9.7
NE	.2	.9	1.6	.4	.1							3.2	7.8
ENE	.3	.4	1.1	.4								2.3	7.9
E	.6	1.6	1.3	.6								4.0	7.0
ESE	.1	.6	1.2	1.1								3.0	9.2
SE	.3	.3	1.4	2.9	1.2	.1						6.3	12.6
SSE	.2	1.2	3.1	5.7	3.0	.2						13.5	12.9
S	.7	2.0	4.1	10.5	4.8	.6	.1					22.7	13.3
SSW	.1	1.1	1.9	3.3	.8	.1						7.3	11.6
SW	.7	1.4	1.8	1.7	.3							5.9	8.9
WSW	.1	1.0	.7	1.1	.2	.1						3.2	10.1
W	.2	.6	.9	.8	.7	.1						3.2	11.5
WNW	.1	.8	.4	.7								2.0	8.8
NW		.3	.9	.8	.3							2.3	11.6
NNW		.2	1.6	1.4	.9	.2						4.3	13.3
VARBL													
CALM												2.0	
	4.4	13.9	25.8	37.8	14.3	1.0	.1					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS APR MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	2.6	4.3	.8	.1						9.1	11.5
NNE	.4	.9	2.2	1.9								5.4	9.2
NE	.3	1.0	1.0	1.1	.4							3.9	9.6
ENE	.4	.6	.9	.2								2.1	6.8
E		.7	1.1	.9								2.7	8.9
ESE		.7	.9	.7	.4							2.7	17.6
SE	.1	1.0	2.4	4.0	1.7	.1	.1					9.4	12.3
SSE	.1	1.0	3.7	6.4	3.6	1.0	.1					15.8	13.9
S	.4	2.3	3.9	10.0	4.2	.6						21.7	12.9
SSW	.8	1.1	1.7	2.6	.6	.1	.1					6.9	10.4
SW		1.6	.6	1.0	.2							3.3	9.5
WSW	.2	.6	1.4	.8	.6							3.6	10.3
W	.3	.7	.9	.7	.1	.1						2.8	9.6
WNW			.3	.8	.2							1.3	14.0
NW		.2	.6	1.0	.4							2.2	12.9
NNW	.2	.1	1.4	1.9	1.1	.2	.1					5.1	13.8
VARBL													
CALM												2.0	
	3.7	13.4	25.6	38.1	14.3	2.4	.4					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945 FT SILL AAF OK

67-70, 73-78

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.4	3.0	2.4	1.1							11.9	8.5
NNE	.9	.9	2.4	1.0	.1							5.3	8.3
NE	.3	.9	1.4	.6								3.4	7.9
ENE	1.0	1.2	.3									2.6	4.1
E	.3	.8	.6	.4								2.1	7.2
ESE	.7	1.6	1.9	1.7	.3							6.1	8.7
SE	1.2	3.3	5.9	3.8	.8							15.0	9.2
SSE	.7	3.1	5.1	7.4	1.9	.6						18.8	11.2
S	1.0	2.7	4.0	5.0	1.3	.2	.1					16.0	10.1
SSW	.1	1.2	1.1	.2								2.7	7.0
SW	.3	.7	.3		.1							1.4	5.6
WSW	.1	.2	.1	.2								.7	7.7
W	.3	.7	.4	.2	.2							1.9	7.9
WNW		.1	.3	.2	.3							1.0	12.1
NW		.4	.4	.6	.2							1.9	10.6
NNW	.2	.9	1.0	1.4	.9	.4						4.9	12.5
VARBL													
CALM												4.3	
	9.7	22.1	29.0	26.2	7.3	1.2	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF MK STATION NAME 67-70, 73-78 YEARS APR MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.9	3.0	1.6	.9	.5						13.3	7.7
NNE	1.9	2.6	1.0	1.2	.1							6.4	6.5
NE	.5	1.2	.3	.1								2.2	5.2
ENE	1.0	.2	.5	.1								1.9	4.8
E	1.4	1.4	.6									3.4	4.2
ESE	.1	.6	1.7	.5	.2							3.8	9.2
SE	1.6	2.8	4.6	3.7	1.1	.3						14.0	9.7
SSE	1.8	3.6	6.6	7.6	.7	.4						20.6	9.9
S	1.0	1.8	3.0	3.9	.3							10.0	9.7
SSW	.2	.6	.8	.4								2.0	8.1
SW	.2	.2	.1	.1								.7	6.2
WSW	.6	.3	.2									1.1	4.3
W	.6	.1	.2									.9	4.3
WNW	.2	.2	.2	.1								.8	6.4
NW	.3	.6	.6	.7	.1							2.2	8.3
NNW	1.1	1.3	1.8	.6	.3	.2	.1					5.7	8.7
VARBL													
CALM												11.0	
	15.0	22.3	25.1	21.1	3.9	1.4	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945

FT SILL AAF OK

67-70, 73-78

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.2	3.0	3.3	1.3	.3	.0					12.8	9.5
NNE	.8	1.4	1.7	1.3	.1	.0						5.4	8.2
NE	.4	.9	1.0	.6	.1							3.0	7.7
ENE	.5	.7	.6	.2								1.9	6.3
E	.4	.9	.8	.3	.0							2.5	6.7
ESE	.3	.9	1.2	.7	.2							3.2	8.4
SE	.8	1.7	3.1	3.0	.7	.1	.0					9.4	9.7
SSE	1.0	2.9	5.0	6.4	1.7	.3	.0	.0				17.4	10.8
S	1.1	2.3	4.1	6.3	2.0	.2	.0					16.0	11.1
SSW	.4	1.1	1.2	1.4	.2	.0	.0					4.3	9.5
SW	.4	.9	.9	.6	.1							2.9	8.1
WSW	.6	.9	.7	.4	.1	.0						2.8	7.1
W	.5	.6	.5	.4	.1	.0						2.2	7.9
WNW	.2	.3	.3	.3	.1							1.2	8.7
NW	.3	.4	.6	.7	.1							2.1	9.6
NNW	.6	.7	1.4	1.0	.8	.2	.0					5.3	11.4
VARBL													
CALM												7.7	
	9.8	19.8	26.0	27.6	7.6	1.3	.1	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC,
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS MAY MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.2	3.8	2.4	.1							11.7	7.4
NNE	.8	1.8	1.7	1.3								5.6	7.7
NE	.4	1.2	1.0	.1								2.7	6.3
ENE	.9	.6	.6	.1								2.3	5.3
E	1.0	.5	1.0	.1		.1						2.9	7.1
ESE	1.1	1.2	.6	.5		.1						3.8	6.1
SE	1.9	2.9	3.0	.4	.2							8.8	6.4
SSE	3.9	5.3	7.1	2.4	.2							18.8	6.9
S	1.3	3.5	4.9	3.3	.1							13.2	8.2
SSW	.6	.9	1.0	.1								2.8	6.7
SW	.4	.2	.1									1.1	3.1
WSW	.9	.2	.3									1.4	3.7
W	.5	1.2	.3	.1	.1							2.3	5.7
WNW	.2	.4	.2									.9	4.5
NW	.2	.3	.2	.1	.4							1.3	9.9
NNW	.4	1.0	1.0	.6		.1						3.1	7.9
VARBL													
CALM												17.4	
	17.3	24.5	26.9	12.4	1.2	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	4.5	3.1	3.1	.3	.2						14.4	7.4
NNE	.6	1.7	2.0	1.4	.1							5.9	7.9
NE	.8	.3	.8	.2								2.0	6.2
ENE	.4	1.4	.8	.2								2.8	5.9
E	.8	1.1	.6	.4	.1							3.0	6.7
ESE	1.1	1.4	.8	.3								3.5	5.5
SE	1.8	2.3	1.4	1.2	.1							6.8	6.5
SSE	2.2	6.2	6.6	1.9								16.9	6.9
S	1.5	2.7	4.2	2.4	.1							10.9	7.8
SSW	1.1	1.2	.6	.2								3.1	5.5
SW	.9	.2	.1	.1								1.3	4.2
WSW	.5	1.2	.1	.1								1.9	5.2
W	.4	.3	.3	.1								1.2	6.0
WNW	.3	.1	.1									.5	5.0
NW	.3	.3	.3	.1								1.1	6.4
NNW	.6	1.4	.9	.6	.1							3.7	6.9
VARBL													
CALM												21.0	
	16.5	26.3	22.7	12.5	.9	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF PK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.1	4.4	4.1	.4	.1						15.2	8.2
NNE	.5	2.0	1.2	1.6	.4	.1						5.9	8.9
NE	.5	1.4	.6	.5								3.1	6.3
ENE	.8	1.0	.5	.3								2.6	5.5
E	.5	1.4	1.4	.5								4.0	6.9
ESE	1.2	1.2	.9	.3								3.5	5.4
SE	1.4	2.9	1.0	.8								6.0	5.9
SSE	1.3	4.1	6.6	2.6		.1						15.2	7.8
S	1.8	3.0	6.6	4.6	.3							16.3	8.6
SSW	1.0	1.5	1.8	.4								4.7	6.3
SW	.6	.6	.5									1.8	4.7
WSW	.4	1.1	.2									1.7	4.8
W	.2	.8	.3	.2								1.5	6.3
WNW	.2	.1	.1									.4	4.8
NW	.3	.3	.4	.1	.1							1.3	7.4
NNW	.4	.9	1.0	.5	.3							3.1	8.5
VARBL													
CALM												13.5	
	14.9	25.4	27.5	16.7	1.6	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK 67-70, 73-78 YEARS MAY NORTH
ALL WEATHER CLASS 0900-1100 HOUR (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	2.8	5.0	.8	.2						13.2	10.3
NNE	.4	1.3	1.3	1.9	.4	.2						5.6	10.3
NE	.8	.5	1.0	1.0	.2							3.4	8.4
ENE	.3	1.0	1.3	.4								3.0	7.3
E	.9	1.4	1.2	.6								4.2	6.9
ESE	.5	.9	1.0	.8								3.1	7.6
SE	.5	1.2	2.2	1.6	.1							5.6	8.7
SSE	.4	2.0	3.2	3.7	.3							9.7	9.7
S	.9	2.8	8.3	10.4	1.3	.1						23.8	10.8
SSW	.4	1.5	3.1	2.9	.2							8.2	9.6
SW	.3	1.7	2.7	1.1								5.8	7.9
WSW	.6	1.1	1.5	.1								3.3	6.4
W	.2	.6	.3	.4								1.6	7.6
WNW		.2	.3	.1	.1							.8	10.7
NW	.2	.2	.5	.5	.1							1.6	9.7
NNW	.1	.2	1.0	1.2	.2	.2						2.9	12.1
VARBL													
CALM												4.2	
	8.0	18.9	31.6	32.6	3.8	.6						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION 11 SILL AAF OK STATION NAME 67-70, 73-78 YEARS MAY MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	3.4	4.3	1.4	.2						11.4	11.1
NNE	.1	1.0	1.3	2.9	.2							5.5	10.9
NE	.2	.8	1.8	.8	.1	.1						3.4	9.4
ENE	.2	1.0	.5	.4								2.2	7.4
E	.3	.8	1.5	.5								3.3	7.8
ESE	.3	.4	.9	1.3	.2							3.1	9.8
SE	.5	1.9	2.2	1.9								6.9	8.1
SSE	.6	2.0	4.7	6.1	.8							14.3	10.4
S	.5	2.8	6.7	12.3	2.3							24.6	11.4
SSW	.4	1.6	2.5	1.7	.3							6.6	9.1
SW	.2	1.5	1.5	.4								3.7	7.4
WSW	.4	1.6	1.7	.4	.2							4.4	7.1
W	.3	.4	.6	.6	.1							2.2	8.9
WNW		.1	.3	.1		.1						.6	10.8
NW	.2	.3	.8	.5		.1						1.9	9.1
NNW		.6	.5	1.4	.2							2.8	11.1
VARBL													
CALM												3.1	
	6.1	18.0	30.6	35.8	5.8	.5						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILI AAF OK
STATION NAME

47-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.9	3.7	4.5	1.2	.2						12.2	10.8
NNE	.0	.8	1.7	2.3	.5							6.0	10.0
NE		.6	1.1	.6	.4							2.8	10.2
ENE	.8	.9	.9	1.1								3.5	7.8
E	.6	1.4	.9	.8	.1							3.8	7.6
ESE	.3	.9	1.7	1.0	.2							4.1	8.9
SE	.9	.6	2.6	4.0	.2							8.5	10.4
SSE	1.1	1.9	4.7	8.4	1.9	.2						18.3	11.5
S	1.6	2.8	5.0	8.3	1.6	.4						20.3	10.8
SSW	.2	1.1	1.4	1.4	.3							4.4	9.8
SW	.5	.8	.6	.3								2.3	6.3
WSW	.6	.6	1.1	.2								2.6	6.5
W	.2	1.1	.9	.3	.1	.2						2.8	8.5
WNW	.1	.2	.1		.1							.5	7.8
NW	.4	.2	.4			.2	.1					1.4	10.1
NNW	.1	.6	1.1	1.4	.2							3.4	10.1
VARBL													
CAIM												3.1	
	8.9	16.5	28.6	34.2	7.0	1.3	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF TK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.6	3.4	2.0	.2	.1		.1				10.2	8.8
NNE	1.3	2.0	3.0	1.7	.9							8.9	8.6
NE	.9	2.0	1.1	.8	.1							4.8	6.9
ENE	1.4	.9	.6	.4								3.3	5.7
E	1.2	2.5	.6	.5								4.8	5.7
ESE	1.2	2.5	2.7	1.0								7.3	6.7
SE	1.4	3.5	4.8	3.1	.5							13.4	8.5
SSE	2.0	4.2	6.7	6.1	1.4							21.0	9.2
S	1.4	3.2	4.2	4.5	.4	.1						13.9	9.2
SSW	.4	.4	.3									1.2	5.1
SW	.2	.4	.1									.8	4.6
WSW	.3	.3	.2	.2								1.1	5.7
W	.1	.5	.1	.1								.9	6.0
WNW	.1	.2	.1		.1	.1						.6	10.0
NW			.1		.2	.1						.4	18.5
NNW	.2	.3	.9	.3								1.7	7.9
VARBL													
CALM												5.6	
	13.9	25.7	29.0	21.4	3.9	.4		.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JAY
MONTH

ALL WEATHER
CLASS

21-2300
LOCAL (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	4.1	2.6	1.6	.3	.1						11.3	7.0
NNE	.6	1.6	1.6	1.7	.1	.1						6.0	8.8
NE	1.2	1.1	1.2	.3								3.8	5.8
ENE	1.1	1.5	1.2	.2								4.0	5.8
E	1.2	1.5	.5	.4	.1	.1						3.9	6.2
ESE	1.4	2.3	1.6	1.4		.1						6.4	6.6
SE	1.7	4.5	3.9	1.2	.1							11.4	6.7
SSE	4.3	6.0	7.5	3.2	.6	.1						22.0	7.5
S	1.5	2.0	2.8	2.7	.4							9.5	8.5
SSW	.4	.4	.3	.1	.2							1.5	7.3
SW	.3	.1										.4	2.5
WSW	.2		.1	.2								.5	7.8
W	.8	.3	.2	.4		.1						1.8	7.5
WNW	.4			.3								.8	7.6
NW	.4	.3	.1	.2	.2							1.3	8.6
NNW	.4	.4	.9	.4								2.2	7.4
VARBL													
CALM												13.3	
	18.6	26.3	24.9	14.1	2.2	.6						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATICA NAME 67-70.73-78 YEARS MAY MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	3.4	3.6	.0	.1		.0				12.4	3.9
NNE	.6	1.5	1.0	1.9	.3	.1						6.2	9.1
NE	.6	1.0	1.0	.5	.1	.1						3.3	7.5
ENE	.7	1.0	.8	.4								3.0	6.3
E	.8	1.3	1.0	.5	.0	.0						3.7	6.3
ESE	.9	1.3	1.3	.8	.1	.1						4.4	7.0
SE	1.3	2.5	2.6	1.0	.2							8.4	7.7
SSE	2.1	4.0	5.9	4.3	.7	.1						17.0	8.6
S	1.3	2.9	5.4	6.1	.8	.1						16.6	9.8
SSW	.0	1.1	1.4	.9	.1							4.1	8.1
SW	.5	.7	.7	.2								2.1	6.4
WSW	.5	.8	.7	.2	.0							2.1	6.1
W	.3	.7	.4	.3	.0	.0						1.8	7.3
WNW	.2	.2	.2	.1	.0	.0						.6	7.8
NW	.3	.3	.4	.2	.1	.1	.0					1.3	9.3
NNW	.3	.7	.9	.8	.1	.0						2.9	9.0
VARBL													
CALM												10.2	
	13.0	22.7	27.7	22.5	3.3	.6	.0	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILI AAF OK STATION NAME 67-70, 73-78 YEARS MONTH JUNE
ALL AT, THE CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.8	1.8	.9	.3							8.4	6.3
NNE	.6	1.0	1.1	.7	.1							3.4	7.6
NE	1.1	.7	.6	.1	.1							2.6	5.5
ENE	1.1	.3	.1									1.6	2.9
E	1.2	1.6	.8	.2								3.6	4.5
ESE	1.4	1.7	.4	.2								3.8	4.6
SE	2.2	3.8	3.1	.3								9.4	5.6
SSE	4.1	6.7	8.9	4.4	.7							24.8	7.7
S	1.7	5.2	7.2	5.0	.7							19.8	8.6
SSW	.7	.9	.4	.1								1.8	4.9
SW	.9	.1	.2									.7	4.2
WSW	.3	.2										.6	2.8
W	.1	.2	.1									.4	4.8
WNW	.1	.3		.1								.6	5.8
NW	.1	.7	.3	.1								1.2	6.0
NNW	.3	.2	.4	.7								1.7	8.5
VARBL													
CALM												15.6	
	18.3	26.0	25.3	12.9	1.9							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC.
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION 67-70.73-78
FT SILL AAF TX STATION NAME ALL WEATHER CLASS 0300-0500 MONTH JULY HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.1	2.9	1.1								11.6	6.1
NNE	1.1	1.9	.9	.4								4.3	5.8
NE	.4	.2	1.2	.3		.1						2.3	8.0
ENE	.7	.2	.3									1.2	3.8
E	1.2	.4	.2									1.9	3.4
ESE	2.0	1.6	.6	.2								4.3	4.4
SE	1.0	2.9	1.6	.4								5.9	5.0
SSE	3.1	6.2	6.8	2.3								18.4	6.6
S	2.7	6.6	6.3	4.9	.2							20.7	7.9
SSW	.9	.6	.7	.1			.1					2.3	6.2
SW	.1	.1										.2	3.2
WSW	.3	.1	.1									1.0	3.1
W	.4	.4										.9	2.3
WNW	.2	.2	.2	.1								.8	5.9
NW	.1	.3	.1	.1								.7	6.7
NNW	.7	.4	.4	.2								1.8	5.7
VARBL													
CALM												21.7	
	17.9	27.3	22.3	10.3	.2	.1	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS JUN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	3.4	1.1	.1							9.4	7.1
NNE	.9	1.8	1.9	1.3	.2							6.1	8.1
NE	.3	1.0	.6	.3								2.2	6.5
ENE	.7	.3	.4									1.4	5.2
E	.2	.6	.9	.3								2.1	7.5
ESE	1.1	1.2	.4									2.8	4.3
SE	2.0	2.4	1.7	.2	.1							6.4	5.6
SSE	2.3	3.6	6.9	3.4	.1							16.3	7.8
S	1.7	5.6	10.1	8.1	.6	.1						26.1	9.2
SSW	.8	1.9	1.9	1.0								5.6	7.2
SW	1.4	.7	.1									2.2	3.2
WSW	.1	.2	.1									.4	5.0
W	.3	.6	.3	.1								1.8	5.2
WNW		.2	.1									.3	6.0
NW		.2	.2	.2	.2							.9	11.1
NNW		.2	.8	.3								1.3	9.3
VARBL													
CALM												14.4	
	14.7	23.0	29.9	16.6	1.3	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS JUL NORTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	2.2	1.4	.2							5.6	8.9
NNE	.6	1.0	2.2	1.6	.2							5.6	8.6
NE	.7	1.3	1.8	.2	.1							4.2	7.3
ENE	.8	.9	.8	.1								2.6	5.3
E	.8	1.3	.7	.1	.1							3.0	5.9
ESE	.7	1.0	1.0	.2	.3							3.2	7.6
SE	.2	1.0	1.3	.4								3.0	7.8
SSE	.0	2.0	3.3	2.6	1.1							9.8	9.8
S	1.4	3.4	7.6	14.1	2.0	.1						28.9	10.9
SSW	1.1	2.8	5.8	6.4	.9							17.0	10.0
SW	.4	1.8	2.4	.7								5.3	7.6
WSW	.4	.6	1.3	.7								3.0	7.9
W	.4	.3	.7	.4								1.9	6.9
WNW		.1	.2									.3	6.0
NW			.3	.3								.7	10.2
NNW	.2	.7	.4	.7								2.0	8.3
VARBL													
CALM												4.0	
	9.0	19.2	32.3	30.3	5.0	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13845 FI SILI AAF OK 67-70, 73-78 JUN 1200-1400
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.0	1.1	.2							5.3	8.5
NNE	.9	.6	1.0	.9	.1							3.4	8.2
NE	.4	1.0	1.4	.9								3.8	7.6
ENE	.0	1.0	1.0	.4	.1							3.1	7.0
E	1.1	1.7	1.4	.1								4.3	5.7
ESE	.3	.9	1.2	.2	.1							2.8	7.4
SE	.8	1.4	2.2	1.7	.1							6.2	8.2
SSE	1.2	1.6	4.8	4.9	1.7							14.1	10.5
S	.9	2.3	10.6	14.5	2.9	.3						11.9	11.6
SSW	.9	1.1	3.2	3.2	1.0	.2						9.7	10.6
SW	.4	1.4	1.8	.7	.2							4.6	8.1
WSW	.4	.8	1.1	.2								2.6	6.6
W	.3	.7	.3									1.3	4.8
WNW	.1	.4	.2	.2								1.0	6.7
NW		.1	.4									.6	8.6
NNW	.3	.4	.8	.8								2.3	8.4
VARBL													
CALM												3.0	
	9.4	16.9	33.6	30.2	6.4	.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13946 STATION FT SILL AAF OK STATION NAME 57-70, 73-78 YEARS JUL MONTH
ALL WEATHER CLEAR 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.0	2.1	2.1								5.8	8.6
NNE		.2	2.0	.8	.1							3.1	10.1
NE	.3	1.9	1.3	1.1								4.7	7.8
ENE	.5	.8	1.6	.4								3.3	7.3
E	.7	2.1	1.7	.2								4.7	6.2
ESE	.4	1.2	2.6	.5								5.1	7.8
SE	.7	2.2	3.1	5.0	.8							11.8	10.2
SSE	1.0	1.9	4.1	11.3	4.0	.2						22.6	12.4
S	.6	1.9	6.9	12.2	3.3	.1						25.0	12.0
SSW	.1	.4	1.3	1.6	.2							3.7	10.8
SW	.6	1.2	.2	.3								2.3	5.5
WSW	.3	.7	.4									1.4	5.5
W	.1	.7	.2									1.0	5.9
WNW	.1	.2	.3									.7	5.8
NW	.2	.4	.1	.1								.9	5.8
NNW	.1	.6	.3	1.0								2.0	9.5
VARBL													
CALM												2.0	
	6.3	17.4	28.3	37.1	8.4	.3						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FT SILL AAF OK

67-70, 73-78

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	.8	1.0	.3							4.7	7.5
NNE	.2	1.2	1.0	1.0	.1							4.1	8.5
NE	.7	1.0	1.8	.4								3.9	6.7
ENE	.3	3.1	1.8			.1						5.8	5.9
E	1.0	3.2	1.4	.1								5.8	5.5
ESE	1.0	2.4	3.8	1.1								8.3	7.2
SE	.6	4.0	6.4	3.1								14.1	8.3
SSE	.7	3.2	8.2	12.3	2.0	.4						26.9	11.3
S	.8	1.7	7.1	7.4	1.1							18.1	10.5
SSW		.3	.3	.1								.8	7.0
SW	.2	.1	.3	.1								.8	7.0
WSW	.2		.1									.3	4.7
W	.1	.2	.2	.1								.7	7.2
WNW	.1				.1							.2	10.0
NW	.3											.3	2.0
NNW	.1	.3	.8	.2	.1							1.6	8.5
VARBL													
CALM												3.7	
	7.7	22.6	34.7	27.1	3.8	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF TX STATION NAME 67-70, 73-78 YEARS MONTH JULY
CLASS ALL WEATHER
CONDITION
2100-2300 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	.9	.9	.2							5.2	6.9
NNE	.2	.9	1.2	.6	.2							3.1	8.3
NE	2.0	1.3	.6	.3								4.2	4.5
ENE	1.2	1.2	.2									2.7	4.0
E	1.2	2.3	.9									4.4	4.7
ESE	1.4	3.3	1.3	.3								6.4	5.4
SE	3.4	6.9	5.0	2.6								17.9	6.7
SSE	2.4	6.1	13.7	7.4	.3							30.0	8.6
S	1.6	3.1	5.2	2.2								12.1	7.7
SSW	.4	.2	.1									.8	3.6
SW	.4	.1	.1	.1								.8	5.4
WSW	.3	.1										.4	3.3
W	.1	.1	.2									.4	5.5
WNW				.1								.1	13.0
NW	.1		.1									.2	6.5
NNW	.1	.3	.8	.1								1.3	7.8
VARBL													
CALM												9.8	
	16.6	27.9	30.3	14.7	.8							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FT SILL AAF OK

67-70, 73-78

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L & T.)

CONDITION

SPEED (KNTS) D.R.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	2.0	1.2	.2							7.0	7.2
NNE	.0	1.1	1.5	.9	.1							4.2	8.1
NE	.7	1.1	1.2	.5	.0	.0						3.5	6.7
ENE	.0	1.0	.8	.1	.0	.0						2.7	5.6
E	.9	1.7	1.0	.1	.0							3.7	5.5
ESE	1.1	1.7	1.4	.4	.1							4.6	6.2
SE	1.4	3.1	3.1	1.7	.1							9.3	7.4
SSE	1.9	3.9	7.1	6.1	1.2	.1						20.4	9.4
S	1.4	3.7	7.7	8.6	1.3	.1						22.8	10.1
SSW	.6	1.0	1.7	1.6	.3	.0	.0					5.2	9.2
SW	.5	.7	.7	.2	.0							2.1	6.5
WSW	.4	.3	.4	.1								1.2	6.5
W	.3	.4	.3	.1								1.1	5.5
WNW	.1	.2	.1	.1	.0							.5	6.5
NW	.1	.2	.2	.1	.0							.7	7.4
NNW	.2	.4	.0	.5	.0							1.7	8.3
VARBL													
CALM												7.3	
	12.5	22.5	29.6	22.4	3.5	.2	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS JUL MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.7	1.4	.4		.1						7.8	4.7
NNE	1.6	1.4	.5			.1						3.7	5.0
NE	.9	.9	.6	.2								2.6	5.3
ENE	.5	.2	.1	.2								1.1	5.2
E	1.2	.6	.1	.1								2.0	3.8
ESE	2.2	1.1	.3									3.5	3.7
SE	2.6	3.4	1.3	.2								10.0	5.0
SSE	5.2	12.2	6.9	.4								24.9	5.5
S	3.2	6.5	7.2	2.3								19.8	7.0
SSW	.2	1.3	.3	.2								2.7	5.2
SW	1.0	.2	.2									1.4	3.5
WSW	.5	.4	.1	.2								1.3	5.6
W	.4		.1									.5	3.0
WNW		.1										.1	4.0
NW	.1											.1	2.0
NNW	.2		.1	.1								.4	5.8
VARBL													
CALM												18.0	
	23.7	32.9	19.9	5.4		.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS JUL MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	2.7	.9	.6	.1							9.5	4.1
NNE	.9	1.5	.6	.4	.1							3.5	6.3
NE	1.1	.6	.6	.6								2.7	5.5
ENE	.5	.6	.1									1.3	4.3
E	1.0	.5	.5									2.0	4.4
ESE	1.2	1.5	.3									3.0	4.0
SE	3.0	2.8	.4									6.2	3.9
SSE	7.0	6.8	2.9	.6								17.3	4.5
S	4.5	5.4	6.2	1.1								17.2	5.9
SSW	1.7	.8										2.5	2.9
SW	1.4		.2	.1								1.7	3.4
WSW	.3	.2										.5	2.8
W		.2	.2	.1								.5	8.8
WNW	.3											.3	1.3
NW	.1	.1	.1									.3	5.0
NNW	.3	.3										.6	3.3
VARBL													
CALM												30.6	
	28.5	24.1	13.2	3.3	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14945
STATION

ET SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.8	2.0	.0								7.8	5.5
NNE	1.4	1.5	1.1	.1								4.1	5.3
NE	.4	1.4	1.3	.5								3.7	6.8
ENE	1.1	.2	.6									1.9	4.3
E	1.1	.6	.5									2.3	4.3
ESE	1.3	.8	.9	.2	.1							3.2	5.5
SE	2.0	2.0	1.6	.2								5.9	5.2
SSE	3.9	5.2	2.2	1.2								12.4	5.3
S	4.2	8.0	6.8	1.9	.1							21.0	6.2
SSW	1.9	2.7	2.4	.8								7.7	6.1
SW	1.1	1.5	.9									3.4	4.8
WSW	.6	.6	.1									1.4	3.4
W	.3	.1										.4	2.5
WNW	.1											.1	3.0
NW			.1									.1	7.0
NNW	.1	.5	.1									.8	5.7
VARBL													
CALM												23.8	
	21.9	28.0	20.5	5.6	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF TX
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.9	1.0	.6								3.2	6.9
NNE	.4	.6	2.2	.8								4.0	8.6
NE	.5	1.5	1.0	.3								3.3	6.3
ENE	1.1	1.2	1.0	.2								3.4	5.5
E	.9	1.4	.9	.2								3.3	5.5
ESE	.3	1.8	1.2	.3								3.7	6.6
SE	.5	1.4	1.4	.6								4.2	6.7
SSE	.6	2.2	4.3	1.4								8.5	7.8
S	1.5	5.1	7.3	4.6	.1							18.8	8.3
SSW	1.6	4.2	8.3	5.8	.3							20.2	8.7
SW	1.9	4.3	6.8	1.7								14.7	7.0
WSW	.5	2.4	1.5	.2								4.6	6.1
W	.4	.6	1.1	.1								2.3	6.6
WNW	.1											.1	2.4
NW	.4	.1										.5	2.6
NNW	.1	.3	.1									.5	5.2
VARBL													
CALM												4.5	
	12.0	28.0	37.8	17.2	.4							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS JUL MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	1.3	.3								3.7	6.3
NNE	.6	1.0	1.2	1.1								3.9	8.0
NE	.4	1.1	1.8	.6								4.0	7.8
ENE	.5	.6	.8	.2								2.2	5.4
E	.8	2.0	1.4	.1								4.3	5.9
ESE	1.0	1.7	1.7	.1								4.5	5.7
SE	1.0	2.4	3.0	1.4								7.7	7.7
SSE	1.5	2.7	5.7	3.4	.2							14.5	8.4
S	1.7	5.7	9.7	6.3	1.2	.1						24.7	9.1
SSW	1.4	2.7	4.8	2.7	.2							11.8	8.2
SW	1.5	2.7	2.6	.4								7.4	6.4
WSW	.8	1.0	1.6									3.3	5.9
W	.4	.4	.4	.3								1.6	6.5
WNW	.2	.3										.5	4.2
NW	.5	.2										.8	2.6
NNW	.2	.4										.6	4.0
VARBL													
CALM												4.4	
	13.3	26.2	37.0	17.3	1.6	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	1.2	.3	.1							2.7	7.9
NNE	.3	.6	2.0	.9		.1						4.0	8.9
NE	.5	1.6	2.0	.6	.1							5.1	7.5
ENE	.8	1.4	1.4	.4	.1							4.1	6.8
E	.8	2.0	3.2	.1								6.2	6.8
ESE	.6	1.2	3.1	1.1								6.1	8.0
SE	.4	2.8	5.2	3.3	.2							11.9	8.8
SSE	.9	3.3	7.4	8.1	.4							20.1	9.8
S	1.4	5.5	7.7	7.2	1.8							23.7	9.7
SSW	.4	2.2	3.0	.6	.4							6.7	8.2
SW	.5	1.4	.6		.1							2.7	6.0
WSW	.1	.6	.2	.1								1.1	5.9
W	.3	.6	.1	.1								1.2	5.5
WNW	.1	.3		.1								.5	6.4
NW	.2		.1									.3	3.7
NNW			.1		.1							.2	13.5
VARBL													
CALM												3.4	
	7.7	24.5	37.6	23.1	3.4	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70,73-78 YEARS JUL MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.5	.3								1.9	6.9
NNE	.6	1.2	1.7	.3								4.3	7.6
NE	.5	1.4	.9	.5								3.3	6.3
ENE	.9	2.5	1.4	.3								5.1	6.0
E	1.1	4.6	3.0	.5	.1							9.4	6.4
ESE	1.0	2.6	3.8	.4	.1							7.8	7.0
SE	.8	4.6	8.0	2.9								16.2	7.9
SSE	1.4	4.9	10.5	8.6	.6							26.1	7.2
S	.9	3.7	7.6	5.3	.5							18.0	9.3
SSW	.2	1.4	1.0	.2								2.8	6.6
SW	.4	.6	.4									1.5	5.4
WSW	.4											.4	1.5
W	.2	.1	.3			.1						.8	9.0
WNW	.1	.1										.2	2.5
NW			.1									.1	9.0
NNW	.1	.1										.2	3.0
VARBL													
CALM												1.8	
	8.9	28.6	39.2	19.9	1.4	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

F1 SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	.9	.3								3.7	5.6
NNE	1.0	.5	.9	.3								2.7	5.6
NE	1.5	1.7	.4	.3								4.0	4.9
ENE	1.0	1.2	.4	.1								2.7	4.7
E	1.4	3.2	.8	.1								5.5	4.7
ESE	1.8	3.2	.6									5.7	4.5
SE	4.0	10.8	5.0	.5								21.1	5.6
SSE	4.5	9.9	12.0	2.4	.1							28.9	6.6
S	1.2	4.2	4.6	2.5	.1							12.6	7.8
SSW	.1	1.0	.4	.1								1.6	6.4
SW	.4											.4	1.8
WSW	.2	.2										.4	3.5
W	.2	.1	.1									.4	4.5
WNW		.1										.1	4.0
NW	.1											.1	3.0
NNW	.1			.1								.2	8.5
VARBL													
CALM												9.9	
	18.3	37.8	27.0	6.8	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1394^e STATION FT SILL AAF OK STATION NAME 17-70, 73-78 YEARS JUL MONTH
ALL CLASS ALL MONTH (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.1	.5	.0	.3						5.0	5.4
NNE	.9	1.0	1.3	.5	.0	.0						3.8	7.0
NE	.7	1.3	1.1	.5	.0							3.6	6.5
ENE	.8	1.0	.7	.2	.0							2.7	5.7
E	1.0	1.9	1.3	.1	.0							4.4	5.6
ESE	1.2	1.7	1.5	.3	.0							4.7	5.9
SE	1.8	4.0	3.4	1.2	.0							10.4	6.5
SSE	3.1	5.9	6.6	3.3	.2							19.1	7.2
S	2.3	5.5	7.2	4.0	.5	.0						19.5	8.0
SSW	1.0	2.0	2.5	1.3	.1							7.0	7.6
SW	1.0	1.3	1.5	.2	.0							4.2	6.1
WSW	.4	.7	.4	.1								1.6	5.3
W	.3	.3	.3	.1		.0						1.0	6.2
WNW	.1	.1		.0								.3	3.9
NW	.2	.1	.1									.3	3.5
NNW	.1	.2	.1	.0	.0							.5	5.4
VARBL													
CALM												12.1	
	16.8	28.8	29.0	12.3	.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF CK STATION NAME 67-70,73-78 YEARS AUG MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	3.1	1.4	.5								8.3	5.1
NNE	1.4	1.6	1.2	.8								4.9	6.3
NE	1.1	.6	.2	.6	.1							2.7	6.2
ENE	1.1	.4	.1									1.6	3.1
E	2.0	1.1	.9									4.0	4.4
ESE	1.7	2.2	.8									4.6	4.5
SE	4.0	6.1	2.4	.2								12.7	4.8
SSE	5.8	8.0	7.0	1.1								21.8	5.6
S	2.9	4.2	6.6	1.5								15.2	6.6
SSW	.5	.8	.4									1.7	4.8
SW	.3	.1	.3									.8	5.0
WSW	.2	.1										.3	2.3
W	.1		.2									.3	6.7
WNW			.1	.2								.3	11.0
NW	.3	.1	.1									.5	4.0
NNW	.5	.2	.2	.1								1.1	5.4
VARBL													
CALM												19.1	
	25.3	28.6	21.8	5.1	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF PK

STATION NAME

67-70, 73-78

YEARS

AUG

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	4.6	2.2	.6								11.1	5.1
NNE	1.4	1.3	1.3	.5								4.3	6.1
NE	.8	.6	.5									1.9	5.2
ENE	.5	.4	.4									1.4	4.5
E	1.9	1.0	.4	.1								3.4	3.9
ESE	2.3	.9	.4									3.5	3.4
SE	3.1	2.8	.6									6.6	3.7
SSE	5.8	7.8	2.0	.3								16.0	4.4
S	3.1	4.7	5.2	1.1								14.1	6.2
SSW	1.8	.3	.6									2.3	3.6
SW	1.0	.2	.1									1.3	3.3
WSW	.1	.1										.2	3.0
W			.1									.1	10.0
WNW	.1	.2	.1									.4	5.8
NW	.1	.2										.3	3.3
NNW	.2	.2	.3	.1								.9	6.9
VARBL													
CALM												31.6	
	25.7	25.5	14.4	2.5								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 FT SILL AAF OK 67-70, 73-78 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	4.0	2.7	1.2	.1							11.4	5.8
NNE	1.4	.8	.8	.9								3.8	6.3
NE	1.2	.5	.4	.1								2.5	4.4
ENE	1.2	.4	.1	.2								1.9	4.2
E	.8	1.1	.5	.1								2.5	4.5
ESE	1.6	1.4	1.2	.1								4.3	4.9
SE	1.7	2.5	1.4	.2								5.8	5.2
SSE	4.1	5.5	2.7	.4								12.7	4.8
S	3.5	5.6	8.1	2.2								19.6	6.7
SSW	1.0	1.2	1.7	.2								4.1	6.2
SW	.4	.6	.2									1.2	4.1
WSW	.4	.3	.1									.9	3.8
W		.1										.1	4.0
WNW													
NW	.3		.1									.4	3.0
NNW	.2	.8	.2	.5								1.7	7.6
VARBL													
CALM												27.1	
	21.3	25.2	20.2	6.1	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

47-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	2.3	.4								4.5	7.2
NNE	.8	1.0	1.5	.4	.1							3.8	7.1
NE	.8	1.6	1.5	.4	.2							4.9	7.5
ENE	1.0	1.1	.5	.3								2.9	5.6
E	1.6	.4	.8									2.8	4.3
ESE	1.0	1.5	1.2									3.7	5.4
SE	.5	1.7	1.5	1.0								4.7	7.4
SSE	1.5	2.0	2.8	1.4	.1							8.8	6.9
S	2.4	6.5	8.5	5.8	.5							23.7	8.2
SSW	1.9	4.3	6.7	4.3	.3							17.5	8.1
SW	1.6	3.4	4.0	1.6								10.6	7.2
WSW	.5	1.2	1.0	.1								3.4	6.5
W	.4	.1	.5	.3								1.4	6.8
WNW		.1										.1	4.0
NW		.1										.1	6.0
NNW	.3	.3	.1									.8	3.4
VARBL													
CALM												6.2	
	14.8	27.4	33.4	16.8	1.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

47-70.73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.4	.4	.1							5.5	7.1
NNE	.3	1.4	2.0	.6								4.9	7.3
NE	.3	.5	1.1	.3	.1							2.5	7.7
ENE	.2	.6	.8	.								1.8	6.8
E	.8	1.4	1.2	.								3.9	6.0
ESE	1.4	1.2	1.3									4.1	5.2
SE	1.0	2.3	2.5	.6	.3							7.0	7.2
SSE	1.3	2.8	4.6	2.4	.4							11.5	8.1
S	2.8	5.4	8.7	7.8	.8							25.5	9.0
SSW	1.3	4.1	5.5	4.0								14.8	8.3
SW	.9	3.2	2.9	.6								7.8	7.0
WSW	.4	1.4	.4	.2								2.5	5.4
W	.4	.4	.4	.1								1.4	5.7
WNW	.4	.3										.8	3.4
NW	.4											.4	2.0
NNW	.4	.1	.2									.8	4.3
VARBL													
CALM												5.1	
	13.7	27.4	34.2	18.0	1.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70.73-78 YEARS AUG MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	1.7	1.0	.1							5.3	7.6
NNE	.8	.9	2.4	.2								4.2	6.9
NE	1.0	1.4	1.8	.2	.1							4.5	6.3
ENE	1.1	.8	.5									2.4	4.6
E	1.6	1.1	1.6	.9	.2							5.4	6.7
ESE	.9	2.2	2.4	1.2								6.6	7.0
SE	1.0	2.8	3.0	2.7	.1							9.6	8.4
SSE	1.9	3.8	4.9	4.7	.6							16.0	8.8
S	1.9	4.9	7.4	10.6	1.5							26.5	9.9
SSW	.6	2.7	2.3	2.4	.1							8.1	8.3
SW	.9	.9	1.3	.5	.1							3.7	7.4
WSW	.3	.5	.4	.1								1.4	6.2
W	.9	.1	.4									1.4	4.5
WNW	.1	.1	.1									.3	4.0
NW	.1	.1	.1		.1							.4	8.3
NNW	.3	.5	.4	.2								1.5	6.6
VARBL													
CALM												2.9	
	14.1	24.4	30.9	24.7	3.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945 STATION FT SILL AAF OK 67-70, 73-78 YEARS AUG NORTH
1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.0	.8	.2							4.5	6.8
NNE	1.1	1.8	.8	.6	.3							4.6	7.0
NE	.5	1.3	.8	.2	.1							2.9	6.3
ENE	1.7	1.5	.3	.1								3.7	4.3
E	3.0	2.8	2.0	.2								8.1	4.9
ESE	1.6	3.0	3.0	.1								7.7	6.0
SE	1.7	6.1	6.1	3.0								17.0	7.4
SSE	2.0	4.5	9.9	5.2	.2							21.8	8.4
S	1.5	4.0	5.7	7.1	.3							18.6	9.1
SSW	.4	1.3	1.4	.4								3.5	7.0
SW	.5	.3	.1									1.0	3.8
WSW	.1		.1									.2	5.0
W	.1	.1	.3									.5	6.4
WNW			.1									.1	8.0
NW													
NNW			.2	.2								.4	10.5
VARBL													
CALM												5.3	
	15.7	28.1	31.8	14.0	1.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

ET SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.9	.6	.4	.3							5.5	5.7
NNE	1.1	1.4	.6	1.0								4.1	6.8
NE	1.7	.5	.3	.3	.2							3.1	5.5
ENE	.9	.4	.5	.1								1.9	5.2
E	1.3	2.5	.3	.2								4.3	4.7
ESE	2.0	2.2	.6	.4								5.3	4.8
SE	5.6	7.2	5.5	1.0								19.2	5.5
SSE	4.3	7.7	8.8	3.5	.2							24.6	6.9
S	2.6	3.5	5.9	2.2	.1							14.3	7.3
SSW	.4	.3	.4									1.2	4.5
SW	.3	.1										.4	2.5
WSW	.5	.1										.6	2.7
W	.1	.1	.1	.1	.1							.5	9.4
WNW													
NW	.2			.1								.3	5.7
NNW	.2											.2	2.0
VARBL													
CALM												14.3	
	23.4	28.1	23.9	9.4	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

57-70, 73-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.4	1.8	.7	.1							7.0	6.0
NNE	1.0	1.3	1.3	.6	.1							4.3	6.7
NE	.9	.9	.8	.3	.1							3.1	6.3
ENE	1.0	.7	.4	.1								2.2	4.8
E	1.6	1.4	1.0	.2	.0							4.3	5.1
ESE	1.6	1.8	1.4	.2								5.0	5.3
SE	2.3	4.0	2.9	1.1	.1							10.3	6.2
SSE	3.3	5.4	5.3	2.4	.2							16.7	6.3
S	2.6	4.9	7.0	4.8	.4							19.7	8.1
SSW	1.0	1.9	2.4	1.4	.1							6.7	7.6
SW	.7	1.1	1.1	.4	.0							3.4	6.6
WSW	.3	.5	.3	.1								1.2	5.4
W	.3	.1	.3	.1	.0							.7	6.2
WNW	.1	.1	.1	.0	.0							.3	5.5
NW	.2	.1	.0	.0	.0							.3	4.4
NNW	.3	.3	.2	.1								.9	6.2
VARBL													
CALM												14.0	
	19.2	26.8	26.2	12.6	1.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1294^R STATION FT SILL AAF OK STATION NAME 57-70, 73-78 YEARS SEP MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L & T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	6.4	2.0	2.2	.6	.2						16.8	6.6
NNE	1.1	1.7	1.1	.9	.4							5.2	7.7
NE	.8	.7	.9									2.3	5.2
ENE	.9	.4	.1	.1								1.6	4.2
E	1.4	.4	.3	.1								2.3	3.8
ESE	.8	.7	.3									1.8	4.3
SE	2.7	1.6	1.7	.1								6.0	4.7
SSE	4.1	5.3	5.2	1.8	.2							16.7	6.4
S	1.4	4.7	5.3	2.1								13.6	7.4
SSW	.3	.4	.1									.9	4.6
SW	.4											.4	1.8
WSW	.6	.1	.1									.8	3.1
W	.7	.6	.3									1.6	4.6
WNW	.2											.2	1.5
NW	.2	.1		.2								.6	6.8
NNW	.8	1.0	.3	.4								2.6	5.9
VARBL													
CALM												26.8	
	21.2	24.1	18.4	8.0	1.2	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.9	5.8	4.9	1.9	1.2	.1	.1					19.9	6.8
NNE	1.2	1.9	1.7	1.1	.3							6.2	7.7
NE	1.2	.6		.1								1.9	3.5
ENE	.6	.3										.9	2.9
E	.6	.8		.1								1.4	4.5
ESE	.9	.4	.3	.1								1.8	4.9
SE	2.7	2.0	.6									5.2	3.7
SSE	3.4	5.6	2.2	.9	.1							12.2	5.5
S	1.1	4.2	6.8	1.7								13.8	7.5
SSW	.4	.6	.6									1.6	4.9
SW	.6	.1										.7	3.3
WSW	.8	.3		.1								1.2	3.5
W	.3	.1										.4	2.3
WNW	.2	.1										.3	2.3
NW	.6	.1	.1	.2								1.0	5.7
NNW	1.1	.6	.1	.1								1.9	3.6
VARBL													
CALM												29.6	
	21.6	23.4	17.2	6.3	1.7	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	6.6	6.7	3.3	.2							20.2	7.1
NNE	1.3	1.8	2.1	1.1	.3							6.7	7.8
NE	.8	1.6	.6	.1								3.0	4.9
ENE	.7	.3	.3									1.3	4.4
E	.7	.3	.1									1.1	3.6
ESE	1.2	.6	.1									1.9	3.1
SE	1.8	1.6	.8									4.1	4.3
SSE	3.1	4.0	3.7	1.2	.1							12.1	6.3
S	1.7	4.9	6.7	3.2								16.4	7.5
SSW	.6	.9	.8	.4								2.7	6.5
SW	.8	.4	.1									1.3	3.3
WSW	.2	.1	.1									.4	4.3
W	.2		.1									.3	4.3
WNW	.1	.2	.1									.4	5.3
NW	.3	.1	.1									.6	4.4
NNW	.6	.2	.7	.2	.1	.1						1.9	8.3
VARBL													
CALM												25.4	
	17.4	23.6	23.0	9.7	.8	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FI SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.7	4.4	5.2	.7	.1						14.7	9.4
NNE	.9	2.0	2.9	2.1								7.9	8.2
NE	.7	1.8	2.2	.3	.2							5.2	6.9
ENE	.1	1.2	.3	.2								1.9	6.1
E	.7	1.1	.6	.1								2.4	5.1
ESE	.3	.2	.7									1.2	6.3
SE	1.2	.9	1.3	.1								3.6	5.7
SSE	1.4	2.6	3.8	1.1	.4							9.3	7.5
S	1.6	5.4	8.7	7.7	.4							23.8	9.0
SSW	1.2	2.2	4.1	4.0	.1							11.7	8.8
SW	.6	1.0	1.6	.7								4.3	7.4
WSW	.7	1.2	.3	.1								2.3	4.7
W	.1	.1	.4									.7	6.8
WNW		.1	.1	.1								.3	8.3
NW	.6	.2										.8	2.9
NNW	.1	.3	.2	.4	.1							1.2	9.5
VARBL													
CALM												8.7	
	12.7	22.7	31.7	22.2	2.0	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION ET SILL AAF OK STATION NAME 67-70, 73-78 YEARS SEP MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.1	3.7	3.7	1.0	.3						11.3	10.3
NNE	1.2	1.8	3.6	2.4	.3							9.3	8.6
NE	.1	1.8	2.0	.4	.2							4.4	7.5
ENE		.9	.6									1.4	6.2
E	1.1	1.2	.1									2.4	3.7
ESE	.6	.8	.2	.2								1.8	5.6
SE	.3	2.1	1.1	1.3								4.9	7.5
SSE	1.2	2.0	3.7	2.2	.2	.1						9.4	8.3
S	1.7	4.8	7.4	9.8	1.2							24.9	9.8
SSW	.8	2.0	3.6	3.0	.1							9.4	9.0
SW	1.0	1.3	1.9	.6	.1							4.9	7.1
WSW	1.4	1.3	.6	.1								3.4	4.5
W	.4	.8	.9	.2								2.3	6.5
WNW	.3		.2									.6	5.4
NW	.3			.1								.4	4.5
NNW	1.1	.6	1.1	.4		.1						2.3	7.2
VARBL													
CALM												8.6	
	13.2	22.4	30.6	24.4	3.2	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	3.9	3.4	1.4	.2						12.1	10.5
NNE	.9	2.1	4.0	1.7	.1	.1						8.9	8.4
NE	1.2	1.8	1.3	.6								4.9	6.2
ENE	.9	1.3	.7	.2								3.1	5.5
E	.3	1.3	.8	.1								2.6	5.9
ESE	.9	1.1	.4	1.0								3.4	7.3
SE	1.3	1.6	2.2	1.0	.1							6.2	7.3
SSE	.6	3.4	5.1	4.4	.8							14.3	9.6
S	1.6	3.6	7.0	8.4	1.4	.2						22.2	10.1
SSW	.7	1.7	1.8	2.3								6.4	8.7
SW	.4	.9	.6	.2	.1							2.2	6.9
WSW	.6	1.0	.3	.1								2.0	5.2
W	.8	1.0	.7	.2								2.7	5.4
WNW	.2	.2	.4	.1								1.0	6.6
NW	.1	.3	.1	.2								.8	7.7
NNW	.6	.6	.2	.4	.1							1.9	7.3
VARBL													
CALM												5.2	
	11.7	24.3	29.6	24.6	4.1	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	2.6	3.6	.8	.2						11.2	9.3
NNE	2.1	2.1	2.1	.7	.1							7.1	5.9
NE	1.2	1.8	1.1	.4								4.6	5.6
ENE	1.1	1.3	.4	.2								3.1	5.0
E	2.0	2.8	.6									5.3	4.2
ESE	1.3	2.2	1.0	.7								5.2	5.6
SE	1.2	4.2	4.3	.9								10.7	6.8
SSE	3.2	5.6	6.1	3.7	.6							19.1	7.5
S	1.2	3.1	5.3	3.6	.2							13.4	8.4
SSW	.8	.4	.3	.1								1.7	4.9
SW	.8	.7										1.4	3.0
WSW	.2	.3										.6	3.4
W	.7	.3	.2	.1								1.3	4.8
WNW	.1		.1									.2	4.0
NW			.3									.3	8.3
NNW	.6	.1	.3									1.0	4.6
VARBL													
CALM												13.7	
	18.2	27.4	24.9	13.9	1.7	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH
2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	4.9	2.1	1.6	1.3							13.0	7.4
NNE	.8	1.4	1.1	1.0	.6							4.9	8.6
NE	1.3	1.7	.9	.2								4.1	5.1
ENE	.8	.6	.6	.1								2.0	5.2
E	1.3	1.0	.4	.4								3.2	5.2
ESE	1.6	1.6	1.0		.1							4.2	5.1
SE	3.4	4.8	2.9	1.4								12.6	5.8
SSE	3.8	5.6	6.7	3.1								19.1	6.8
S	1.2	2.4	3.9	2.1	.3							10.0	8.1
SSW	.2	.2	.1									.6	5.2
SW	.1	.1										.2	3.0
WSW	1.3											1.3	1.9
W	.4	.2	.1									.8	3.4
WNW													
NW	.2											.2	2.0
NNW	.0	.4	.4	.2								1.7	5.7
VARBL													
CALM												22.1	
	20.2	24.9	20.2	10.2	2.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILI AAF OK STATION NAME 67-70, 73-78 YEARS SEP MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.9	3.8	3.1	.9	.2	.0					14.9	8.2
NNE	1.2	1.8	2.3	1.4	.3	.0						7.0	7.9
NE	.9	1.4	1.1	.3	.1							3.8	5.9
ENE	.6	.8	.4	.1								1.9	5.1
E	1.0	1.1	.4	.1								2.6	4.6
ESE	.9	.9	.5	.2	.0							2.7	5.4
SE	1.8	2.3	1.9	.6	.0							6.7	5.9
SSE	2.6	4.2	4.6	2.3	.3	.0						14.0	7.2
S	1.4	4.1	6.4	4.8	.5	.0						17.3	8.7
SSW	.6	1.1	1.4	1.2	.0							4.4	8.1
SW	.6	.6	.3	.2	.0							1.9	6.1
WSW	.7	.6	.2	.1								1.5	4.1
W	.5	.4	.3	.1								1.3	5.2
WNW	.2	.1	.1	.0								.4	5.4
NW	.3	.1	.1	.1								.6	5.4
NNW	.7	.5	.4	.3	.0	.0						1.9	6.5
VAKBL													
CALM												17.1	
	17.0	24.1	24.4	14.9	2.1	.2	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 FT SILL AAF OK

67-70, 73-78

JCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	7.2	4.8	3.3	1.2	.2						21.6	7.5
E	.8	1.2	.9	1.7	.5							5.1	9.4
ENE	.1	.6	.1									.9	5.5
E	.1	.2	.1									.4	4.5
ESE	.3	.2										.5	3.2
SE	.2	.5										.8	3.9
SSE	1.4	1.0	1.9	.8								5.1	6.6
S	2.9	4.1	4.9	3.0								14.9	7.2
SSW	1.3	2.3	8.0	3.3	.1							14.9	8.5
SW	.2	1.1	.4	.4								2.2	6.6
WSW	.8	.2	.2									1.2	3.8
W	.2	.1	.1									.4	2.5
WNW	.2	.1	.2	.1								.6	6.0
NW		.2	.1	.1								.4	8.0
NNW	.1	.2	.4	.1								.9	7.0
VARBL	1.0	.5	.2	.5								2.3	5.9
CALM												27.8	
	14.5	19.8	22.4	13.4	1.8	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	7.6	5.5	3.8	1.8	.2						23.5	7.8
NNE	.8	2.0	1.6	1.6	.4							6.5	8.6
NE	.4	.1	.1	.1								.8	4.6
ENE	.2	.1	.1									.4	4.0
E	.2	.1	.2									.5	4.6
ESE	.4	.1	.1									.6	3.7
SE	1.4	1.1	1.3	.6								4.4	6.3
SSE	2.2	3.6	2.5	1.4								9.6	6.5
S	.6	3.2	6.6	3.6								14.0	8.5
SSW	.6	.8	1.4	.1								2.9	6.3
SW	.6	.2		.2								1.1	5.1
WSW	.1	.4	.1									.6	4.7
W	.3	.4	.2									1.0	4.4
WNW			.3	.1								.4	9.8
NW	.3		.4	.2	.2							1.2	10.0
NNW	.6	.5	.4	.9								2.5	7.6
VARBL													
CALM												30.0	
	13.5	20.3	20.9	12.6	2.5	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF 7K
STATION NAME

67-70, 75-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0600-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.1	6.0	4.6	1.7	.2						21.5	8.7
NNE	1.1	1.9	2.2	1.5	.2	.1						6.8	5.0
NE	.8	.6	.1	.4								1.8	5.1
ENE	.3	.1	.1									.5	3.6
E	.3	.5	.1									1.0	4.2
ESE	.4	.2	.1									.8	3.4
SE	1.6	.9	1.7	.9	.1							5.2	6.8
SSE	3.2	3.4	2.5	1.7	.2							12.2	6.4
S	1.7	2.7	5.8	4.8	.4							14.8	8.8
SSW	.8	1.1	1.2									3.0	5.8
SW	.4	.4	.3	.2								1.3	6.2
WSW	.3	.1										.4	3.0
W	.3	.5	.2									1.1	4.5
WNW		.1										.1	4.0
NW	.1		.3	.4								.9	5.5
NNW	.6	.5	1.6	.9	.1							3.8	8.5
VARBL													
CALM												24.9	
	15.9	18.2	23.3	14.5	2.8	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS OCT MONTH 0900-1100 HOUR (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	4.2	5.3	1.8	.6						14.6	11.5
NNE	1.3	1.9	1.7	3.2	.9	.1	.1					9.2	9.8
NE	.4	1.0	1.2	.9	.2							3.7	8.2
ENE	.3	.9	.4	.1								1.7	5.9
E	.3	.5	.8	.3								1.9	6.9
ESE	.1	.4	.2	.2								1.0	6.8
SE	.1	.4	1.2	.9								2.6	9.0
SSE	1.2	1.6	3.8	3.0	.2							9.8	8.8
S	1.3	3.9	6.5	9.9	1.9	.3						23.8	10.7
SSW	1.2	2.8	3.5	4.8	.5							12.9	9.3
SW	.4	1.9	2.9	1.1								6.3	7.9
WSW	.2	.6	.9	.2								1.9	6.8
W	.1	.4	.3	.2								1.1	6.9
WNW	.1		.1	.2								.4	5.3
NW	.2	.4	.2	.5								1.4	8.4
NNW	.2	.4	.6	1.0	.4							2.7	10.8
VARBL													
CALM												4.9	
	8.3	19.2	28.5	31.8	6.0	1.1	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FT SILL AAF OK

67-70, 73-78

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	3.0	4.8	2.8	.8						13.7	12.4
NNE	.4	.8	2.3	2.8	.5	.3						7.1	11.1
NE	.5	1.0	1.7	.5	.2							4.0	7.7
ENE	.9	1.3	.4									2.6	4.6
E	.5	.2	.3									1.1	4.6
ESE	.5	.5	.8	.1								1.9	5.9
SE	.4	.6	.9	.6								2.6	8.0
SSE	.2	1.2	3.3	2.6	1.0							8.3	10.6
S	.0	2.3	6.1	11.7	3.5	.3						24.6	12.3
SSW	.3	2.5	4.6	6.0	.8							14.7	10.5
SW	.5	1.2	2.6	1.9	.2							6.5	9.0
WSW	.6	.9	1.1	.2								2.8	6.5
W	.4	.1	.6	.4								1.6	7.5
WNW	.3	.1	.4	.1								1.0	6.7
NW	.3	.4	.5	.3	.2							1.9	8.2
NNW	.2	.2	1.1	.9	.1							2.6	9.4
VARBL													
CALM												3.0	
	7.4	15.4	29.8	33.7	9.4	1.4						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF TX
STATION NAME

67-70, 73-78
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.0	3.0	4.6	1.4	.5	.1					13.3	11.2
NNE	.4	1.2	3.1	2.6	.8							8.3	10.4
NE	.2	1.1	.6	.9								2.8	7.8
ENE	.4	1.0	.3									1.7	4.8
E	1.3	1.7	.4									3.4	4.3
ESE	.3	.9	.9	.3								2.4	7.0
SE	1.1	.9	1.5	.6								4.1	6.6
SSE	.6	1.6	3.5	3.7	.5	.1						10.1	10.1
S	1.0	2.3	7.2	13.6	3.5	.1						27.8	11.9
SSW	1.0	1.7	3.9	2.5	.3							9.4	8.9
SW	.9	1.5	1.3	.5								4.2	6.5
WSW	.4	.8	.9	.2								2.3	6.6
W	.3	.1	.3	.5	.1							1.4	9.7
WNW		.2	.8	.2								1.2	8.6
NW	.3	.4	.4	.5	.1							1.8	8.6
NNW	.2	.8	1.2	.9								3.0	8.4
VARBL													
CALM												2.8	
	9.0	19.0	29.4	32.0	6.8	.9	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	5.1	4.0	1.7	.6	1.3						16.0	8.2
NNE	.8	1.2	1.5	.8	.1							4.3	7.3
NE	.6	1.4	.6									2.7	4.8
ENE	.9	.3										1.2	2.6
E	1.3	1.0	.3									2.6	4.0
ESE	1.9	.8	.4	.1								3.2	4.0
SE	2.2	4.7	2.6	.8								10.2	5.9
SSE	1.9	4.4	8.3	3.5	.3							15.5	8.1
S	1.1	4.2	6.8	3.0	.1							16.0	8.3
SSW	.5	1.6	1.2	.1								3.4	6.2
SW	.4	.3	.4									1.2	5.1
WSW	.5		.1									.6	3.0
W	.5			.2								.8	5.3
WNW	.1	.2		.4								.8	9.0
NW	.3	.2	.2	.1	.1	.1						1.1	8.5
NNW	.6	.4	.2	1.0								2.3	8.1
VARBL													
CALM												19.2	
	17.1	25.8	23.7	12.6	1.3	1.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	7.2	4.3	2.6	.9	.5	.1					20.2	7.4
NNE	.4	.9	.5	.9	.4							3.1	9.4
NE	.8	1.2	.1	.1								2.2	4.7
ENE	.3	.1										.4	2.5
E	.5	.3	.5	.1								1.5	5.5
ESE	1.3	.4	.1									1.8	3.1
SE	1.7	3.3	2.9	.5								8.5	6.1
SSE	2.0	6.2	7.1	5.6	.4							21.4	8.2
S	.5	1.9	5.3	3.4	.1							11.3	9.1
SSW	.3	.9	.1									1.3	4.6
SW	.4	.3	.3									1.1	4.7
WSW	.1											.1	1.0
W	.3		.1									.4	3.8
WNW	.1	.4	.2									.8	5.3
NW	.3		.3	.8								1.4	9.8
NNW	1.2	.3	.4	.3								2.3	5.2
VARBL													
CALM												22.3	
	15.1	23.5	22.4	14.3	1.8	.5	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945

FT SILL AAF OK

67-70, 73-78

UCT

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN SPEED
N	2.8	4.9	4.4	3.8	1.5	.6	.0					18.1	9.0
NNE	.7	1.4	1.7	1.9	.5	.1	.0					6.3	9.4
NE	.5	.9	.6	.3	.1							2.3	6.6
ENE	.4	.5	.2	.0								1.1	4.4
E	.6	.6	.3	.1								1.6	4.8
ESE	.7	.5	.3	.1								1.6	4.9
SE	1.2	1.6	1.7	.7	.0							5.3	6.5
SSE	1.8	3.3	4.2	3.1	.3	.0						12.7	8.1
S	1.0	2.8	6.5	6.7	1.2	.1						18.4	10.2
SSW	.6	1.5	2.0	1.8	.2							6.2	8.7
SW	.6	.8	1.0	.5	.0							2.8	7.2
WSW	.3	.4	.4	.1								1.2	5.8
W	.3	.2	.3	.2	.0							1.0	6.5
WNW	.1	.2	.2	.1								.6	7.8
NW	.3	.2	.4	.4	.1	.0						1.3	8.8
NNW	.6	.5	.7	.8	.1							2.7	8.1
VARBL													
CALM												16.7	
	12.6	20.2	25.0	20.6	4.0	.8	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945 STATION 67-70, 73-78
 FT SILL AAF OK STATION NAME
 ALL WEATHER CLASS
 NOV NORTH
 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	5.3	6.3	7.1	1.8	.9	.1					24.3	9.7
NNE	1.0	.9	1.7	1.1	.1	.1						4.9	8.0
NE	.6	.6	.1									1.2	3.6
ENE		.4	.1									.6	6.4
E	.3	.4										.8	3.7
ESE	.6	.2										.8	2.6
SE	.6	1.7	.3	.1								2.7	4.9
SSE	1.4	2.2	3.8	1.7								9.1	7.5
S	2.0	2.6	6.0	3.7	.2							14.4	8.2
SSW	1.0	.6	.4	.2								2.2	5.1
SW	1.4	.6		.1								2.1	3.6
WSW	.9	1.1	.1	.1								2.2	4.4
W	.9	.7	.2									1.8	3.9
WNW	.2	.2	.1	.2	.1	.2						1.1	11.3
NW	.6	.7	1.0	.8		.1						3.1	8.3
NNW	1.2	1.3	1.3	.7	.4	.1						5.1	8.0
VARBL													
CALM												23.6	
	15.4	19.4	21.6	15.8	2.7	1.4	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.1	4.6	8.9	2.2	.4						24.4	9.9
NNE	1.4	.9	1.4	2.1	.2							6.1	8.6
NE	.7	.4	.2	.1								1.4	4.7
ENE	.1	.7	.3									1.1	5.0
E	.7	.1										.8	2.6
ESE	.3	.3	.1									.8	4.0
SE	.8	1.4	.9									3.1	5.5
SSE	1.6	3.1	3.0	1.2								8.9	6.7
S	2.2	2.6	4.7	2.0								11.4	7.1
SSW	1.1	.4	1.1	.2								2.9	5.9
SW	1.1	.9	.6									2.6	4.2
WSW	.8	.7										1.4	3.7
W	.6	.4	.1	.2								1.3	5.6
WNW	.7	.6	.4	.2	.1							2.0	6.4
NW	.7	.7	1.1	.8	.1							3.3	8.0
NNW	1.3	1.6	1.6	1.4								5.9	7.3
VARBL													
CALM												22.4	
	17.2	19.9	20.1	17.2	2.7	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 ET SILL AAF OK

67-70, 73-78

NOV

STATION NAME

YEARS

DATE

ALL WEATHER

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.4	3.3	6.7	8.7	2.3	.6						25.0	10.4
NNE	1.0	1.1	1.3	1.9	.3	.1						5.8	9.1
NE	.4	.2	.4	.4	.1							1.7	8.7
ENE	.1	.3	.1		.1							.7	6.8
E	.4	.4	.1									1.0	4.2
ESE	.9	.2	.1									1.2	3.4
SE	.8	.7	.6	.1								2.1	5.0
SSE	.9	3.1	3.3	1.2	.1							8.7	7.6
S	2.8	3.3	4.8	3.0	.2							14.2	7.4
SSW	1.3	1.1	.6	.2								3.2	4.8
SW	1.5	1.7	.2									3.8	3.9
WSW	1.0	.3	.3									1.7	3.9
W	.1	.9										1.0	4.7
WNW	.1	.3	.4									.3	5.3
NW	.7	.7	.7	.4								2.4	6.5
NNW	.7	.9	1.4	1.4	.2							4.7	8.8
VARBL													
CALM												22.0	
	16.6	18.7	21.1	17.4	3.6	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC.
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF PK
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	4.7	9.2	3.0	1.2	.1					20.8	12.6
NNE	.7	1.6	1.4	4.6	.7	.3						9.2	11.1
NE	.2	.3	1.1	.6	.1	.1						2.4	9.8
ENE	.3	.2	.2									.8	4.9
E	.6	.6	.1									1.2	4.1
ESE	.4	.2	.1									.8	3.9
SE	.1	1.0	1.0									2.1	6.6
SSE	.8	1.0	3.3	2.4								7.6	8.9
S	1.4	3.8	4.3	7.2	.2							17.0	9.5
SSW	.7	2.1	2.7	2.7	.3							8.4	9.0
SW	.9	2.3	2.3	2.2								7.8	8.0
WSW	.3	1.4	.4	.4	.2	.1						3.0	7.9
W	.4	.4	1.0	.2								2.1	7.0
WNW	.1	.4	.1	.1								.8	6.3
NW	.2	.3	.2	.8	.1							1.7	9.9
NNW	.6	1.0	1.6	2.1	1.3	.1						6.7	11.5
VARBL													
CALM												7.7	
	8.7	18.4	24.7	32.6	6.0	1.9	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-76
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	4.9	8.4	2.1	.7						18.8	12.0
NNE	.3	1.3	2.1	3.6	.7	.0						8.6	11.6
NE	.7	.3	.8	1.1	.2							3.1	8.9
ENE	.1	.3	.2	.2								.9	7.9
E	.1	.3	.3									.8	6.4
ESE	.3	.2	.3									.9	5.3
SE	.2	.2	.3	.2								1.0	6.8
SSE	.1	.8	2.4	2.3	.3	.1						6.1	10.6
S	.4	2.2	5.2	8.3	1.6	.1						17.9	11.3
SSW	.9	1.8	3.7	5.8	.3	.1						13.0	10.6
SW	.7	1.0	3.0	2.4	.1							7.2	9.2
WSW	.3	.8	.7	.8								2.6	7.7
W	.2	.6	1.3	.7								2.8	8.9
WNW	.2	.2	.7	.4	.1							1.7	9.3
NW	.3	.4	1.7	1.0	.2							3.7	9.5
NNW	.8	.8	.9	2.9	1.1	.1						6.6	11.5
VARBL													
CALM												4.6	
	6.4	13.0	28.6	38.2	7.2	1.7						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC.
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK

STATION NAME

67-70, 73-78

YEARS

NOV
MONTH

ALL WEATHER

CLASS

1500-1700

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.7	4.2	8.0	2.3	.8						18.4	12.0
NNE	.8	2.0	2.9	2.2	.3	.1						8.3	9.1
NE	.6	.8	1.1	.1								2.6	6.5
ENE	.2	.6	.6	.1								1.4	6.7
E	.9	.3	.1									1.3	2.9
ESE	.1	.8	.1									1.0	4.6
SE	.4	.8	.9	.2								2.3	6.0
SSE	.2	2.1	2.7	2.9	.7	.2						8.8	10.1
S	1.2	2.7	7.9	9.0	1.0							21.9	10.3
SSW	.6	2.6	2.3	2.9	.1	.3						8.8	9.3
SW	1.2	1.4	1.6	.6								4.8	6.3
WSW	.7	1.2	.9	.2								3.0	6.0
W	.3	.4	.6	.8								2.1	9.3
WNW	.1	.3	.7	.1								1.2	7.6
NW	.1	.4	1.0	1.0	.1							2.7	10.0
NNW	.4	.9	2.0	3.1	.8	.1						7.3	11.4
VARBL													
CALM												4.0	
	8.4	20.0	29.4	31.2	5.3	1.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13945 FT SILL AAF TX STATION NAME 67-70, 73-78 YEARS NOV MONTH 1800-2000 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.8	4.3	4.6	1.8	1.6						18.9	10.5
NNE	.9	2.1	2.1	.9	.3							6.3	7.6
NE	.9	1.3	.2	.1								2.6	4.5
ENE	.7	.8	.1									1.6	3.8
E	.9	1.0										1.9	3.3
ESE	.7	.4										1.1	3.4
SE	.6	2.7	.9	.1								4.4	5.3
SSE	1.9	3.8	5.1	2.3								13.6	7.6
S	2.2	4.6	5.6	3.3	.1							15.8	7.7
SSW	1.7	1.2	.6	.4								3.9	5.1
SW	.2	.2										.4	3.5
WSW	.6	.1		.1								.8	4.2
W	.4	.2	.4	.6	.1							1.8	8.8
WNW	.3	.3	.1	.2								1.0	6.0
NW	1.0	.7	.6	.1								2.3	4.8
NNW	.8	.8	1.4	.8	.1	.2						4.1	9.0
VARBL													
CALM												19.6	
	15.8	25.0	21.4	14.0	2.4	1.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

NOV
MO. YR.

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	7.3	5.9	3.1	2.2	.9	.2					23.7	8.8
NNE	.9	.8	1.7	1.6	.6	.2						5.7	10.0
NE	.1	.6	.1									.8	4.6
ENE	.1	.4										.6	4.6
E	.0	.9										1.4	4.0
ESE	.4	.6	.1									1.1	3.7
SE	.8	1.3	1.1	.3								3.6	6.0
SSE	1.0	3.1	4.6	3.1	.3							12.1	8.6
S	1.7	3.4	4.1	4.9								14.1	8.6
SSW	.8	.8	.6	.2								2.3	5.6
SW	1.2	.4	.3									2.0	3.4
WSW	.8	.7										1.4	3.2
W	.8	.8	.1	.4								2.1	6.0
WNW	.1	.4	.2	.2								1.1	8.0
NW	1.1	.9	.4	.2								2.7	5.2
NNW	1.2	.8	1.4	1.7	.2	.2						5.6	9.0
VARBL													
CALM												19.8	
	15.6	23.2	20.7	15.9	3.3	1.3	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FL SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

NUT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.0	5.2	7.2	2.2	.9	.1					21.8	10.6
NNE	.2	1.3	1.8	2.2	.4	.2						4.9	9.6
NE	.5	.6	.5	.3	.1	.3						2.0	6.9
ENE	.2	.5	.2	.0	.0							.9	5.6
E	.5	.5	.1									1.2	3.8
ESE	.5	.4	.1									1.0	3.9
SE	.6	1.2	.7	.1								2.7	5.6
SSE	1.0	2.4	3.5	2.2	.2	.6						9.3	8.3
S	1.8	3.1	5.3	5.2	.4	.0						15.8	9.0
SSW	1.0	1.3	1.5	1.6	.2	.1						5.6	8.3
SW	1.1	1.1	1.0	.7	.0							3.8	6.5
WSW	.7	.8	.3	.2	.0	.0						2.0	5.6
W	.5	.6	.5	.4	.0							1.9	7.1
WNW	.2	.4	.3	.2	.0	.0						1.2	7.7
NW	.6	.6	.8	.6	.1	.0						2.7	7.8
NNW	.9	1.0	1.5	1.8	.5	.1						5.7	9.8
VARBL													
CALM												15.4	
	13.1	29.7	23.4	22.8	4.2	1.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

UEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	5.0	5.5	6.1	4.3	.6	.2					26.1	10.4
NNE	1.0	.8	1.3	1.2	.4							4.6	8.9
NE	.3	.4		.1								.9	4.8
ENE	.5		.1									.6	2.8
E	.1	.1										.2	3.5
ESE	.9	.4	.1									1.4	3.5
SE	1.5	1.2	1.3	.4								4.4	5.7
SSE	1.2	2.3	3.5	1.2								8.2	7.4
S	1.7	4.4	3.2	2.2								11.5	6.9
SSW	.6	.9	.6									2.3	5.3
SW	.9	.6	.1	.1	.1							1.8	5.5
WSW	1.2	1.1	.5			.1						2.9	4.7
W	1.2	1.5	.5	.2								3.4	4.9
WNW	.4	.2	.1	.2								1.0	6.0
NW	1.0	.4	.5	1.0								2.9	7.4
NNW	.9	.6	1.3	1.3								4.1	8.0
VARBL													
CALM												23.7	
	16.9	20.8	18.9	14.0	4.8	.8	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF MK STATION NAME 67-70, 73-78 YEARS DFC MONTH 0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	6.7	4.5	7.5	3.2	1.3						27.5	10.0
NNE	.6	1.0	.5	1.4	.6							4.2	10.2
NE	.3	.5			.3							1.2	8.0
ENE	.1											.1	2.0
E	.2	.2										.4	3.5
ESE	.6	.4	.3	.2								1.7	5.6
SE	.9	1.4	1.1	.3								3.7	5.9
SSE	1.5	2.2	3.3	.8								7.7	6.7
S	2.2	3.8	4.1	1.6								11.6	6.9
SSW	.6	1.3	.3									2.3	4.6
SW	1.4	.4	.1	.1								2.0	3.6
WSW	1.4	1.5	.5									3.4	4.3
W	.6	.8	.4									1.8	5.1
WNW	.3	.4	.5	.2	.1							1.6	7.4
NW	.2	.3	.9	.5	.1							2.0	9.3
NNW	.6	1.4	1.6	1.0	.1	.1						4.9	8.3
VARBL													
CALM												23.7	
	16.2	22.3	18.3	13.7	4.5	1.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	5.8	4.3	7.7	2.7	.9	.2					25.6	10.1
NNE	1.3	1.3	.6	.9	1.4	.2						5.7	10.1
NE	.2	.1	.1									.4	4.3
ENE	.2	.3										.5	4.2
E	.8	.4	.2									1.4	3.6
ESE	.0	.2	.1	.2								1.3	5.0
SE	.3	2.3	1.1	.2								3.9	5.9
SSE	.9	1.9	2.9	1.0	.2							6.9	7.8
S	2.2	1.8	3.5	2.2								10.8	6.7
SSW	1.3	2.0	1.3	.5								5.2	5.9
SW	1.1	1.1	.3	.1								2.6	4.5
WSW	.9	1.6	.4	.2								3.1	5.4
W	.5	.8	.4									1.7	4.9
WNW		.1	.6	.1	.1							1.0	10.1
NW	.4	.6	.8	.9	.1							2.8	8.8
NNW	.6	.4	1.2	1.3	.2	.2						4.0	10.1
VARBL													
CALM												23.2	
	16.5	20.9	18.0	15.3	4.7	1.3	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

F1 SILL AAF PK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.9	4.5	6.0	4.8	1.4	.2					21.8	12.6
NNE	1.2	.9	1.2	2.2	1.3	.3		.1				7.1	11.8
NE	1.0	.5	.3	.2	.1							2.2	6.0
ENE	.3	.1	.2									.6	4.7
E	.6	.3	.1									1.1	3.7
ESE	.3	.6	.8	.3								2.0	6.8
SE	.6	1.2	.6	.8								3.2	7.0
SSE	1.1	2.5	3.4	2.8	.1							9.9	8.3
S	.4	3.2	4.9	4.1	.6							13.3	9.4
SSW	1.1	2.0	2.6	1.6	.3							7.6	8.1
SW	1.1	2.3	1.4	.9	.1	.1						5.8	7.3
WSW	1.0	1.1	1.4	.6		.1						4.2	7.1
W	.5	.8	1.1	.3	.1							2.8	7.2
WNW	.1	.1	.6	.1								1.0	8.3
NW	.1	.3	1.2	.6	.3							2.6	10.6
NNW	.6	.9	2.0	2.5	.3	.2						6.6	10.4
VARBL													
CALM												6.2	
	11.1	20.6	26.5	23.0	8.2	2.2	.2	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	3.7	6.6	4.1	1.6	.2	.1				18.4	14.0
NNE	.9	.8	1.8	2.6	1.0	.3						7.3	11.2
NE	.8	.4	.8	.1	.2							2.3	6.7
ENE	.3	.2	.2									.8	4.6
E	.8	.3	.1									1.2	3.4
ESE	.3	.8	.6	.2								1.9	6.5
SE	.4	.8	1.0	.5								2.7	7.3
SSE	.9	.9	2.8	1.6	.1							6.2	8.4
S	1.3	2.3	6.5	6.0	.8	.3						17.6	10.2
SSW	1.0	1.0	4.0	3.2	.5	.4						10.1	10.3
SW	.9	1.7	2.8	2.3	.2							7.8	8.8
WSW	.5	.4	.6	1.0	.1	.2	.2					3.2	11.2
W	.3	.8	1.5	1.0	.3							3.9	9.4
WNW	.2	.3	.2	1.0	.5							2.3	11.9
NW	.2	.8	1.1	.4	.3							2.8	9.4
NNW	.4	1.2	1.7	2.3	1.5	.5						7.6	12.4
VARBL													
CALM												3.9	
	9.9	13.9	29.5	29.2	9.7	3.4	.4	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FI SILL AAF BK 67-70, 73-78 YEARS DEC MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.8	4.3	7.1	3.8	1.3	.2					20.5	12.5
NNE	.8	1.9	2.9	2.4	.5							8.5	9.1
NE	.2	.3	.1	.2	.1							1.0	7.9
ENE	.3	.2										.5	2.8
E	.6	.9		.1								1.6	4.6
ESE	.4	.9	1.0									2.3	6.3
SE	.5	1.2	1.1	.8								3.9	6.8
SSE	.3	2.4	2.8	2.2	.1							8.2	8.1
S	1.3	3.3	6.3	5.3	.9	.4						17.4	9.5
SSW	.0	1.8	2.6	2.5	.6							8.2	9.4
SW	.9	1.6	1.6	.8	.1							4.9	7.3
WSW	.2	1.0	1.3	.2		.1						2.8	7.9
W	.4	1.3	1.3	.2	.2	.1						3.5	7.6
WNW		.4	.2	.8	.3		.1					1.8	12.7
NW	.2	.3	.4	1.1	.4	.2	.1					2.8	13.2
NNW	.4	1.1	1.7	2.2	1.0	.2						6.6	11.4
VARBL													
CALM												5.5	
	9.1	21.4	27.6	29.6	8.1	2.3	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	4.3	4.3	4.4	2.9	1.1						19.8	10.4
NNE	1.0	1.3	2.0	1.7	1.2	.1						7.3	9.9
NE	.4	.2		.1								.8	4.6
ENE	.4	.6										1.1	3.4
E	1.4	.5										1.9	2.9
ESE	.6	1.3	.5	.2								2.7	5.8
SE	1.3	2.3	.6	1.0								5.2	6.0
SSE	3.0	3.0	2.7	2.0								10.9	6.6
S	1.7	4.2	3.7	1.8	.2							11.7	7.3
SSW	1.3	1.6	.4	.1								3.5	4.6
SW	.8	.8										1.5	3.9
WSW	.8	.3										1.1	2.9
W	1.2	.8		.4								2.4	4.9
WNW	.1	.3	.1	.4								.9	8.0
NW	.2	.8	1.1	.8								2.8	8.3
NNW	.6	1.2	1.7	1.6	.4							5.6	9.5
VARBL													
CALM												21.0	
	17.7	23.5	17.3	14.6	4.7	1.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 67-70, 73-78 YEARS DEC MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.8	4.5	4.9	4.1	1.4	.2					24.8	10.3
NNE	.9	1.3	1.5	1.9	.5	.1						6.3	9.6
NE	.4	.3	.3	.1								1.2	5.3
ENE	.4	.3										.8	3.6
E	.3	.4	.2									1.0	4.2
ESE	.3	1.0	.3									1.6	5.1
SE	1.0	1.9	1.9	.6								5.5	6.8
SSE	1.7	2.9	3.1	2.5								10.2	7.5
S	1.2	2.5	5.1	2.6								10.8	8.0
SSW	.3	1.2	1.0	.2								2.7	6.2
SW	.2	.3	.2									1.4	3.5
WSW	1.5	.8	.3	.1								2.7	3.8
W	.9	.8	.3	.1								2.0	4.5
WNW	.3	.1	.3									.8	6.0
NW	.0	.9	.6	.3								2.5	6.3
NNW	1.1	1.7	1.4	1.2	.1							5.5	7.2
VARBL													
CALM												20.3	
	15.7	22.2	21.3	14.0	4.7	1.5	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945

FT SILL AAF OK

47-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.6	4.5	6.3	3.7	1.2	.4	.0				23.1	11.1
NNE	.9	1.1	1.5	1.3	.9	.1		.0				6.4	10.1
NE	.5	.4	.2	.1	.1							1.2	6.2
ENE	.3	.2	.1									.6	3.7
E	.6	.4	.1	.0								1.1	3.7
ESE	.5	.7	.5	.1								1.9	5.7
SE	.9	1.5	1.1	.6								4.0	6.4
SSE	1.4	2.2	3.1	1.7	.1							8.5	7.5
S	1.6	3.2	4.7	3.2	.3	.1						13.1	8.3
SSW	.9	1.5	1.6	1.0	.2	.1						5.2	7.9
SW	1.6	1.1	.8	.5	.1	.0						3.5	6.7
WSW	.9	1.0	.7	.3	.0	.1	.0					2.9	6.3
W	.7	.9	.7	.2	.1	.0						2.7	6.4
WNW	.2	.3	.3	.3	.1		.0					1.3	9.5
NW	.4	.6	.8	.7	.2	.0	.0					2.6	9.2
NNW	.7	1.1	1.6	1.7	.5	.2						5.6	9.9
VARBL													
CALM												16.2	
	14.1	20.7	22.2	18.7	6.2	1.7	.2	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FT SILL AAF OK STATION NAME 57-70, 73-79 YEARS ALL MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.5	3.3	4.3	1.6	.7	.1	.0				16.0	10.1
NNE	.6	1.4	1.8	1.6	.4	.1	.0	.0				6.2	8.9
NE	.6	1.0	.9	.4	.1	.0						2.9	6.7
ENE	.5	.7	.2	.1	.0	.0						1.2	5.6
E	.6	1.0	.6	.2	.0	.0						2.6	5.6
ESE	.4	1.0	.6	.4	.0	.0						3.0	6.2
SE	1.2	2.1	2.1	1.2	.1	.0	.0					6.7	7.3
SSE	1.2	3.4	4.5	3.3	.3	.1	.0	.0				13.6	8.4
S	1.4	3.3	5.5	5.1	.8	.1	.0					16.4	9.3
SSW	.7	1.3	1.6	1.3	.2	.0	.0					5.2	8.3
SW	.7	.9	.1	.5	.1	.0						3.1	6.9
WSW	.6	.7	.3	.2	.0	.0	.0					2.0	6.2
W	.4	.5	.4	.2	.0	.0	.0					1.6	7.0
WNW	.1	.2	.2	.1	.1	.0	.0					.8	8.4
NW	.3	.3	.4	.6	.1	.0	.0					1.5	8.9
NNW	.5	.7	1.0	1.1	.3	.1	.0					3.7	9.8
VARBL													
CALM												12.9	
	13.5	22.1	24.6	20.3	4.4	1.1	.1	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 87633

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945
STATION

FT SILL AAF OK

STATION NAME

67-70, 73-79

YEARS

ALL

MONTH

INSTRUMENT

CLASS

ALL

HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE

CONDITION

APPROX VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.2	2.8	6.3	9.0	3.7	1.0	.2					24.7	12.4
NNE	.7	2.3	3.4	3.5	.8	.2	.0					17.9	10.0
NE	.8	1.5	1.5	.6	.1							4.4	7.2
ENE	.5	.9	.8	.1								2.3	5.7
E	.8	1.5	1.1	.4	.0	.0						3.8	6.2
ESE	.7	1.2	1.5	.5	.1	.0						4.2	7.2
SE	.8	2.0	2.5	2.1	.2	.1						7.8	6.5
SSE	.7	2.2	4.9	4.5	.4	.0						12.8	9.7
S	.8	2.7	5.4	3.5	.4	.5						13.7	9.0
SSW	.4	.7	1.0	.5	.0							2.4	7.1
SW	.5	.5	.4	.2	.0							1.5	7.0
WSW	.2	.2	.2	.0	.0	.0	.0					.9	6.4
W	.2	.2	.2	.2	.1	.0						.8	9.0
WNW	.1	.1	.1	.1	.0	.0						.5	9.0
NW	.2	.2	.2	.2	.1	.1	.0					.9	10.1
NNW	.2	.4	.9	1.2	.4	.2	.0					3.2	11.8
VARBL													
CALM												5.8	
	8.3	19.7	30.6	26.8	6.3	2.2	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

7301

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	> 10	> 4	> 5	> 4	> 3	> 2 1/2	> 2	> 1 1/2	> 1 1/4	> 1	> 3/4	> 1/2	> 1/4	> 1/8	> 0
> 1800															
> 1500					91.0										92.6
> 1200															
> 1000															
> 900															
> 800															
> 700															
> 600															
> 500										97.4					98.1
> 400															
> 300															
> 200															
> 100															
> 0					99.4		96.2			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibility independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility $\geq 1 1/2$ miles = 96.2%.
Visibility ≥ 1 mile = 98.3%.
Visibility $\geq 1/2$ mile = 99.4%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e., Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

68-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	54.4	57.0	57.7	57.8	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 20000	56.8	59.5	60.2	60.3	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
≥ 18000	56.8	59.5	60.2	60.3	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
≥ 16000	56.8	59.5	60.2	60.3	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
≥ 14000	57.3	60.0	60.8	60.9	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 12000	58.7	61.5	62.3	62.4	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 10000	60.2	63.1	64.2	64.3	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
≥ 9000	60.8	63.7	64.7	64.8	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 8000	62.5	65.4	66.5	66.6	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 7000	64.2	67.1	68.2	68.3	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 6000	65.2	68.1	69.1	69.2	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 5000	65.5	68.5	69.6	69.7	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 4500	66.0	69.1	70.2	70.3	70.6	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 4000	66.7	69.8	70.9	71.1	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
≥ 3500	67.7	71.3	72.4	72.6	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3000	68.7	72.5	73.5	73.8	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 2500	70.3	74.7	75.8	75.0	76.3	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 2000	72.0	76.7	77.7	78.1	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 1800	72.7	77.7	78.9	79.4	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 1500	73.5	78.8	80.3	80.9	81.6	81.6	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 1200	74.3	79.6	81.3	81.8	82.8	82.8	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1000	75.3	80.8	82.6	83.1	84.1	84.1	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 900	75.7	81.8	83.8	84.4	85.4	85.4	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 800	76.3	82.6	84.7	85.4	86.6	86.6	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 700	76.7	83.2	85.5	86.1	87.3	87.3	87.3	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 600	76.8	83.8	86.1	86.9	88.4	88.4	88.4	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 500	76.9	84.2	86.7	87.4	89.2	89.4	89.4	89.6	89.8	89.9	90.1	90.3	90.3	90.4	90.4	90.4	90.5
≥ 400	77.1	84.5	87.3	88.1	90.8	90.9	91.2	91.4	91.6	91.8	92.0	92.3	92.3	92.4	92.4	92.4	92.5
≥ 300	77.1	84.5	87.3	88.3	91.1	91.3	91.7	92.2	92.6	93.5	93.9	94.1	94.3	94.3	94.3	94.3	94.4
≥ 200	77.1	84.5	87.3	88.3	91.2	91.4	91.8	92.5	92.9	94.3	95.1	95.3	95.5	95.5	95.5	95.5	95.6
≥ 100	77.1	84.5	87.3	88.3	91.2	91.4	91.8	92.6	93.0	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 0	77.1	84.5	87.3	88.3	91.2	91.4	91.8	92.6	93.0	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF TX

68-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ .005	≥ .001
NO CEILING ≥ 20000	53.1	55.3	55.7	55.8	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7
≥ 18000 ≥ 16000	53.4	57.5	58.0	58.1	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.9
≥ 14000 ≥ 12000	55.4	57.5	58.0	58.1	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.9
≥ 10000 ≥ 9000	56.0	58.2	58.6	58.7	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.6
≥ 8000 ≥ 7000	56.7	59.2	59.7	59.8	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.6
≥ 6000 ≥ 5000	57.7	60.3	60.8	60.9	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7
≥ 4500 ≥ 4000	58.1	60.6	61.1	61.2	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
≥ 3500 ≥ 3000	59.6	62.2	62.6	62.8	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.7
≥ 2500 ≥ 2000	60.6	63.2	63.7	63.9	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.7
≥ 1800 ≥ 1500	61.3	64.0	64.4	64.6	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.5
≥ 1200 ≥ 1000	61.7	64.4	64.8	65.1	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.9
≥ 900 ≥ 800	62.7	65.8	66.3	66.6	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4
≥ 700 ≥ 600	63.4	66.6	67.1	67.3	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.2
≥ 500 ≥ 400	65.3	68.7	69.4	69.6	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.4
≥ 300 ≥ 200	66.2	69.9	70.5	70.8	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6
≥ 180 ≥ 150	67.7	71.5	72.3	72.5	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3
≥ 120 ≥ 100	68.5	72.7	73.5	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.6
≥ 90 ≥ 80	69.2	73.9	74.7	74.9	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8
≥ 70 ≥ 60	69.8	75.1	76.2	76.3	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.4
≥ 50 ≥ 40	71.8	77.1	78.4	78.7	79.1	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.8
≥ 30 ≥ 20	72.3	77.7	79.4	79.8	80.3	80.5	80.5	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.1
≥ 18 ≥ 15	72.8	78.4	80.0	80.4	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.7
≥ 12 ≥ 10	73.1	79.1	80.9	81.4	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.1
≥ 9 ≥ 8	74.2	80.6	82.5	83.1	84.1	84.3	84.3	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.9	85.1
≥ 7 ≥ 6	74.4	81.1	83.0	83.5	84.9	85.2	85.2	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.9	86.0
≥ 5 ≥ 4	74.4	81.5	83.5	84.8	86.0	86.3	86.5	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 3 ≥ 2	74.5	81.6	83.9	85.4	87.3	87.7	88.2	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.4
≥ 1800 ≥ 1600	74.7	81.8	84.1	85.8	88.0	88.5	89.1	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.2	91.4
≥ 1400 ≥ 1200	74.8	82.0	84.3	86.0	88.3	88.9	89.8	91.1	91.6	93.0	93.3	93.4	93.7	94.0	94.3	94.8	96.0
≥ 1000 ≥ 900	74.8	82.0	84.3	86.0	88.3	88.9	89.8	91.1	91.6	93.0	93.3	93.5	94.2	94.7	95.2	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

68-70,73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING ≥ 20000	48.2	49.6	50.0	50.4	50.9	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 18000	51.5	53.2	53.7	54.1	54.5	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 16000	51.5	53.2	53.7	54.1	54.5	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
≥ 14000	52.0	53.8	54.2	54.6	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 12000	53.9	55.8	56.2	56.7	57.1	57.2	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 10000	55.8	57.7	58.2	58.6	59.0	59.1	59.1	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 9000	55.9	57.8	58.3	58.7	59.1	59.2	59.2	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 8000	57.4	59.4	59.8	60.2	60.6	60.8	60.8	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 7000	58.3	60.2	60.6	61.1	61.5	61.6	61.6	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 6000	58.9	61.0	61.4	61.8	62.3	62.4	62.4	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 5000	59.2	61.4	61.8	62.3	62.7	62.8	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 4500	59.9	62.4	62.9	63.3	63.8	64.0	64.0	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 4000	61.0	63.5	64.1	64.5	64.9	65.2	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 3500	62.3	64.9	65.5	65.9	66.3	66.6	66.7	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 3000	63.3	66.3	66.9	67.3	67.7	68.0	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 2500	64.6	67.7	68.5	69.0	69.5	69.7	69.8	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 2000	66.1	70.3	71.5	72.0	72.6	72.8	72.9	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 1800	66.1	70.6	71.8	72.4	72.9	73.1	73.2	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 1500	67.2	72.2	73.4	74.0	74.5	74.9	75.1	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 1200	68.4	74.1	75.5	76.3	77.0	77.7	77.8	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 1000	68.9	75.4	76.8	77.7	78.6	79.4	79.6	79.8	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.5
≥ 900	69.1	75.9	77.4	78.4	79.4	80.1	80.3	80.5	80.5	81.1	81.2	81.2	81.2	81.2	81.2	81.3
≥ 800	69.6	76.6	78.2	79.2	80.3	81.1	81.3	81.5	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.4
≥ 700	69.9	77.2	79.1	80.2	81.4	82.2	82.4	82.7	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.5
≥ 600	70.0	77.6	79.6	80.9	82.0	82.8	83.1	83.4	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.3
≥ 500	70.2	78.3	80.3	81.9	83.3	84.1	84.8	85.2	85.2	85.7	85.8	85.8	85.8	85.8	85.9	86.1
≥ 400	70.3	78.7	80.8	82.6	84.2	85.7	87.0	87.4	87.4	88.1	88.2	88.2	88.2	88.3	88.4	88.6
≥ 300	70.4	78.9	81.3	83.1	85.1	86.9	88.4	89.2	89.5	90.3	90.5	90.5	90.6	90.8	90.9	91.1
≥ 200	70.5	79.1	81.6	83.4	85.6	87.5	89.0	89.9	90.1	91.8	92.3	92.3	92.9	93.2	93.5	94.1
≥ 100	70.5	79.1	81.6	83.4	85.6	87.5	89.2	90.2	90.4	92.2	92.6	92.6	93.5	94.3	95.2	96.5
≥ 0	70.5	79.1	81.6	83.4	85.6	87.5	89.2	90.2	90.4	92.2	92.6	92.6	93.8	94.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

68-70,73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING ≥ 20000	45.9	47.5	48.2	48.9	49.5	49.6	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.2	50.2	50.4
≥ 18000	49.9	51.9	52.6	53.4	54.1	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.8	54.8	54.9	55.1
≥ 16000	50.1	52.2	52.8	53.7	54.3	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.8	55.1	55.1	55.3
≥ 14000	50.1	52.2	52.8	53.7	54.3	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.8	55.1	55.1	55.3
≥ 12000	50.3	52.4	53.0	53.9	54.5	54.6	54.8	54.9	54.9	55.1	55.1	55.1	55.3	55.3	55.4	55.5
≥ 10000	52.8	54.8	55.5	56.3	57.0	57.1	57.5	57.7	57.8	58.0	58.0	58.0	58.2	58.2	58.3	58.4
≥ 9000	55.2	57.3	58.0	58.8	59.5	59.6	60.0	60.2	60.3	60.4	60.4	60.4	60.6	60.6	60.8	60.9
≥ 8000	55.7	57.8	58.5	59.4	60.0	60.1	60.5	60.8	60.9	61.0	61.0	61.0	61.2	61.2	61.3	61.4
≥ 7000	56.8	59.0	59.7	60.5	61.3	61.4	61.8	62.0	62.2	62.3	62.3	62.3	62.5	62.5	62.6	62.7
≥ 6000	57.6	59.9	60.5	61.4	62.2	62.3	62.7	62.9	63.0	63.1	63.1	63.1	63.3	63.3	63.4	63.5
≥ 5000	58.6	61.2	62.0	62.9	63.7	63.8	64.3	64.5	64.7	64.8	64.8	64.8	65.1	65.1	65.2	65.3
≥ 4500	58.7	61.6	62.5	63.4	64.3	64.4	64.9	65.2	65.4	65.5	65.5	65.5	65.7	65.7	65.8	65.9
≥ 4000	59.7	62.8	63.8	64.7	65.6	65.7	66.2	66.5	66.7	66.8	66.8	66.8	67.0	67.0	67.1	67.2
≥ 3500	60.2	63.8	64.7	65.7	66.6	66.7	67.2	67.4	67.6	67.7	67.7	67.7	68.0	68.0	68.1	68.2
≥ 3000	60.5	64.2	65.2	66.1	67.0	67.1	67.6	67.8	68.1	68.2	68.2	68.2	68.4	68.4	68.5	68.6
≥ 2500	61.8	65.7	66.7	67.6	68.5	68.6	69.1	69.4	69.6	69.7	69.7	69.7	69.9	69.9	70.0	70.1
≥ 2000	62.3	67.0	68.1	69.0	69.9	70.0	70.5	70.9	71.1	71.2	71.2	71.2	71.4	71.4	71.5	71.6
≥ 1800	64.0	69.1	70.2	71.2	72.2	72.3	72.8	73.1	73.5	73.8	73.9	73.9	74.1	74.1	74.2	74.3
≥ 1600	64.3	69.5	70.5	71.5	72.5	72.6	73.1	73.5	73.8	73.9	73.9	73.9	74.1	74.1	74.2	74.3
≥ 1400	65.9	71.4	72.9	73.9	74.8	74.9	75.5	75.9	76.2	76.5	76.5	76.5	76.7	76.7	76.8	76.9
≥ 1200	67.0	72.7	74.4	75.5	76.5	76.6	77.1	77.6	78.1	78.3	78.3	78.3	78.5	78.5	78.6	78.7
≥ 1000	67.6	74.0	75.8	77.3	78.4	78.5	79.0	79.6	80.0	80.3	80.4	80.4	80.8	80.8	80.9	81.0
≥ 900	68.1	74.7	76.8	78.4	79.6	79.7	80.2	80.8	81.2	81.5	81.6	81.6	81.9	81.9	82.0	82.1
≥ 800	68.1	75.8	78.1	80.1	81.3	81.5	82.0	82.6	83.0	83.3	83.4	83.4	83.8	83.8	83.9	84.0
≥ 700	68.2	76.2	78.8	80.9	82.2	82.4	83.0	83.5	84.0	84.3	84.5	84.5	84.8	84.8	84.9	85.1
≥ 600	68.2	76.9	79.5	81.8	83.9	84.1	84.7	85.7	86.1	86.6	86.8	86.8	87.1	87.1	87.2	87.3
≥ 500	68.3	77.1	80.0	82.6	85.1	85.6	86.9	88.0	88.4	88.8	89.0	89.0	89.4	89.4	89.5	89.6
≥ 400	68.3	77.3	80.5	83.4	86.0	86.8	88.1	89.9	90.6	91.4	91.8	91.8	92.4	92.4	92.5	92.6
≥ 300	68.3	77.3	80.9	84.0	86.8	87.5	89.2	91.5	92.3	93.2	94.0	94.0	94.6	94.6	94.7	95.2
≥ 200	68.3	77.3	81.0	84.1	87.0	87.7	89.5	91.8	92.6	93.9	95.1	95.1	96.2	96.6	97.1	97.7
≥ 100	68.3	77.3	81.0	84.1	87.0	87.7	89.5	91.8	92.6	94.0	95.2	95.2	96.5	96.8	97.6	98.6
≥ 0	68.3	77.3	81.0	84.1	87.0	87.7	89.5	91.8	92.6	94.0	95.2	95.2	96.6	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

8-70, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	> 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	50.6	51.9	52.9	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	54.7	56.2	57.2	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	54.7	56.2	57.2	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	54.7	56.2	57.2	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	55.3	56.8	57.7	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	56.8	58.3	59.2	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	59.2	60.9	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	60.2	61.8	62.8	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	62.4	64.3	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	63.2	65.4	66.3	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	64.0	66.3	67.3	67.6	67.7	67.8	67.8	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	64.6	67.1	68.1	68.7	68.8	68.9	68.9	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	66.1	68.6	69.6	70.2	70.3	70.4	70.4	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	66.9	69.4	70.3	71.0	71.1	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	67.5	70.2	71.2	71.8	72.0	72.2	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	68.1	71.0	72.0	72.7	72.9	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	68.5	71.8	72.9	73.5	73.9	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	69.2	72.9	74.0	74.7	75.2	75.3	75.3	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800	69.4	73.3	74.4	75.3	75.8	75.9	75.9	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1500	70.8	75.4	76.9	78.2	78.7	78.8	78.8	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1200	72.0	77.5	79.6	81.0	81.5	81.6	81.6	82.0	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	72.9	79.6	81.9	83.4	84.0	84.1	84.3	85.1	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	73.2	80.6	83.7	85.4	85.9	86.0	86.2	87.0	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	73.7	81.5	85.4	87.3	87.8	88.2	88.4	89.1	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700	73.8	82.5	86.6	88.6	89.1	89.6	89.9	90.6	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	73.8	82.9	87.6	89.8	90.9	91.4	91.9	92.7	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	73.9	83.3	88.3	90.4	92.4	93.0	93.7	94.4	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 400	73.9	83.4	88.5	90.9	93.0	93.7	94.6	95.6	96.5	96.9	97.4	97.4	97.5	97.5	97.5	97.5
≥ 300	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	98.8	98.8	98.8
≥ 200	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	98.9	98.9	98.9
≥ 100	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	99.1	99.2	99.3
≥ 0	73.9	83.4	88.5	91.0	93.2	93.9	94.9	96.3	97.3	98.1	98.7	98.7	98.8	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12945

FT SILL AAF OK

68-70,73-11

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	55.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2000	59.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1800	59.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1600	59.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1400	60.5	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 1200	61.5	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 1000	63.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 900	64.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 800	66.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 700	67.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 600	68.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 500	69.4	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 400	70.2	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 300	71.5	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 250	72.2	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 200	72.6	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1800	72.9	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1600	74.1	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1400	74.8	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	76.5	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1000	79.1	83.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 900	78.4	85.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 800	78.5	85.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 700	78.7	86.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	78.2	87.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 500	79.4	88.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	79.4	88.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	79.4	88.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 200	79.4	88.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100	79.4	88.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 0	79.4	88.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

68-70,73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	59.2	61.1	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	62.5	64.4	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	62.5	64.4	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	62.5	64.4	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	63.2	65.2	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	64.3	66.2	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	65.9	68.4	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	66.6	69.0	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	68.3	70.9	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	69.6	72.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	69.8	72.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	70.3	73.3	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	71.1	74.3	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4000	71.5	74.9	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	73.0	76.7	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	74.1	77.8	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	74.9	79.0	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	75.4	80.6	82.4	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	75.4	80.9	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	76.2	82.4	84.2	84.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1000	76.9	83.8	86.0	86.1	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	77.3	84.6	87.2	87.4	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	77.3	84.8	87.5	87.7	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800	77.3	85.3	88.7	89.0	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 700	77.4	86.3	90.0	90.3	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	77.5	86.8	90.5	90.9	92.2	92.7	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	77.7	87.2	91.0	91.3	93.1	93.8	94.2	94.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 400	77.7	87.2	91.0	91.4	93.7	94.6	95.5	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	77.7	87.2	91.0	91.4	94.0	94.9	96.2	96.7	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	77.7	87.2	91.0	91.4	94.1	95.1	96.3	97.0	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	77.7	87.2	91.0	91.4	94.1	95.1	96.3	97.0	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	77.7	87.2	91.0	91.4	94.1	95.1	96.3	97.0	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 330

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

68-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300
HOURS UT

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING ≤ 2000	56.9	60.0	60.3	60.4	60.4	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 1800	59.8	62.9	63.2	63.3	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1600	59.8	62.9	63.2	63.3	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1400	60.6	63.8	64.1	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1200	61.4	64.5	64.8	64.9	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1000	63.2	66.5	66.9	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 800	63.2	66.8	67.4	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 700	65.5	68.7	69.4	69.5	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 600	67.3	70.5	71.2	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	68.1	71.4	72.0	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 450	68.6	71.9	72.6	72.7	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 400	68.4	72.3	72.9	73.0	73.0	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 350	69.4	72.9	73.5	73.7	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 300	70.6	74.2	75.1	75.2	75.3	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 250	71.6	75.2	76.1	76.2	76.3	76.5	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 200	74.0	78.1	79.0	79.1	79.5	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 180	74.2	78.9	80.3	80.4	80.8	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 160	74.4	79.7	81.1	81.2	81.5	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 150	74.6	80.3	81.7	82.0	82.4	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 120	74.9	81.3	82.7	82.8	83.1	83.3	83.3	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2
≥ 100	75.8	82.9	84.6	84.7	85.1	85.3	85.4	85.7	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3
≥ 90	76.2	83.9	85.7	85.8	86.1	86.3	86.5	86.8	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5
≥ 80	76.6	84.5	86.3	86.5	86.9	87.1	87.2	87.5	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3
≥ 70	76.7	84.8	86.8	86.9	87.4	87.6	87.8	88.2	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9
≥ 60	77.0	85.8	87.7	88.0	88.6	88.8	89.0	89.5	89.9	90.0	90.1	90.2	90.2	90.2	90.4	90.6
≥ 500	77.0	86.3	88.5	88.8	89.8	90.2	90.5	91.0	91.4	91.5	91.6	91.7	91.7	91.7	91.9	91.9
≥ 400	77.3	86.7	88.8	89.4	91.2	91.9	92.3	92.8	93.4	93.5	93.7	93.8	93.8	93.8	94.0	94.1
≥ 300	77.3	86.7	88.9	89.5	92.0	93.0	93.9	94.4	95.3	95.6	95.9	96.0	96.3	96.3	96.6	96.7
≥ 200	77.3	86.7	88.9	89.5	92.3	93.2	94.3	95.4	96.2	96.6	97.0	97.1	97.5	97.6	97.8	98.0
≥ 100	77.3	86.7	88.9	89.5	92.3	93.2	94.3	95.4	96.2	96.6	97.1	97.2	97.7	98.0	98.2	98.3
≥ 0	77.3	86.7	88.9	89.5	92.3	93.2	94.3	95.4	96.2	96.6	97.1	97.2	97.7	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

68-70, 73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING	53.0	54.8	55.3	55.6	55.6	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 20000	56.3	58.3	58.8	59.1	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 18000	56.3	58.3	58.9	59.1	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 16000	56.3	58.3	58.9	59.1	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 14000	56.9	58.9	59.5	59.7	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 12000	58.3	60.3	60.9	61.1	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 10000	60.1	62.3	62.9	63.2	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8
≥ 9000	60.7	62.9	63.5	63.8	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4
≥ 8000	62.3	64.6	65.3	65.5	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2
≥ 7000	63.6	65.9	66.6	66.9	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 6000	64.3	66.8	67.5	67.8	68.1	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5
≥ 5000	64.8	67.4	68.1	68.5	68.8	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3
≥ 4500	65.6	68.4	69.2	69.5	69.8	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 4000	66.3	69.2	70.0	70.4	70.7	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 3500	67.4	70.5	71.4	71.7	72.0	72.1	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
≥ 3000	68.3	71.6	72.5	72.9	73.3	73.3	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 2500	69.4	73.1	74.1	74.5	74.9	75.0	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5
≥ 2000	70.4	74.7	75.9	76.2	76.7	76.9	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 1800	70.8	75.4	76.6	77.0	77.6	77.7	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 1500	71.9	77.1	78.5	79.0	79.6	79.7	79.8	80.0	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.5
≥ 1200	72.9	78.7	80.4	81.0	81.6	81.8	81.9	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.7
≥ 1000	73.6	80.0	82.0	82.7	83.4	83.6	83.7	84.0	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7
≥ 900	73.9	80.7	82.9	83.7	84.4	84.6	84.8	85.1	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.8
≥ 800	74.2	81.5	84.0	85.0	85.9	86.1	86.3	86.6	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.4
≥ 700	74.5	82.3	85.1	86.0	87.0	87.3	87.5	87.9	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.7
≥ 600	74.6	82.8	85.7	86.9	88.1	88.5	88.8	89.3	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.1
≥ 500	74.7	83.3	86.3	87.6	89.3	89.8	90.3	90.8	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.8
≥ 400	74.8	83.5	86.6	88.1	90.2	91.0	91.7	92.4	92.9	93.3	93.5	93.5	93.6	93.6	93.7	93.8
≥ 300	74.9	83.5	86.8	88.3	90.7	91.6	92.6	93.6	94.2	94.9	95.2	95.2	95.4	95.4	95.5	95.7
≥ 200	74.9	83.6	86.9	88.4	90.9	91.8	92.8	94.0	94.7	95.7	96.2	96.2	96.6	96.8	97.0	97.3
≥ 100	74.9	83.6	86.9	88.4	90.9	91.8	92.9	94.1	94.7	95.8	96.4	96.4	97.1	97.4	97.8	98.3
≥ 0	74.9	83.6	86.9	88.4	90.9	91.8	92.9	94.1	94.7	95.8	96.4	96.4	97.1	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC

FORM 74

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

68-70,73-79

FEH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥ 7000	61.6	63.9	64.1	64.3	65.0	65.0	65.1	65.1	65.1	65.4	65.6	65.6	65.7	65.7	65.7	65.8
≥ 6000	63.8	66.2	66.3	66.3	67.3	67.4	67.7	67.7	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.4
≥ 5000	64.2	66.5	66.7	66.9	67.6	67.7	68.1	68.1	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.8
≥ 4000	64.2	66.5	66.7	66.9	67.6	67.7	68.1	68.1	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.8
≥ 3000	64.4	66.8	66.9	67.1	67.8	68.0	68.3	68.3	68.3	68.6	68.8	68.8	68.9	68.9	68.9	69.0
≥ 2000	64.9	67.4	67.5	67.7	68.4	68.6	68.9	68.9	68.9	69.1	69.4	69.4	69.5	69.5	69.5	69.6
≥ 1000	65.7	68.2	68.3	68.6	69.3	69.4	69.7	69.7	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.4
≥ 800	65.7	68.2	68.3	68.6	69.3	69.4	69.7	69.7	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.4
≥ 700	66.5	69.0	69.1	69.4	70.1	70.2	70.6	70.6	70.6	70.8	71.0	71.0	71.2	71.2	71.2	71.3
≥ 600	66.8	69.5	69.9	70.2	71.2	71.3	71.7	71.7	71.7	72.0	72.2	72.2	72.3	72.3	72.3	72.5
≥ 500	67.1	69.9	70.2	70.6	71.5	71.6	72.1	72.1	72.1	72.3	72.6	72.6	72.7	72.7	72.7	72.8
≥ 400	68.7	71.5	71.9	72.2	73.2	73.3	73.8	73.8	73.8	74.0	74.2	74.2	74.3	74.3	74.3	74.5
≥ 350	69.0	71.9	72.2	72.6	73.5	73.6	74.1	74.1	74.1	74.3	74.6	74.6	74.7	74.7	74.7	74.8
≥ 300	70.0	73.3	73.6	74.1	74.9	75.1	75.5	75.5	75.5	75.8	76.0	76.0	76.1	76.1	76.1	76.2
≥ 250	70.4	74.5	74.8	75.3	76.2	76.4	76.8	76.8	76.8	77.1	77.3	77.3	77.4	77.4	77.4	77.5
≥ 200	72.0	76.1	76.5	77.0	77.9	78.0	78.5	78.5	78.5	78.7	79.0	79.0	79.1	79.1	79.1	79.2
≥ 150	72.5	76.7	77.1	77.8	78.7	78.8	79.3	79.3	79.3	79.6	79.8	79.8	79.9	79.9	79.9	80.0
≥ 100	74.0	78.7	79.2	80.0	81.0	81.2	81.7	81.7	81.7	81.9	82.2	82.2	82.3	82.3	82.3	82.4
≥ 80	74.6	79.8	80.3	81.3	82.3	82.5	83.0	83.0	83.0	83.2	83.5	83.5	83.6	83.6	83.6	83.7
≥ 60	74.8	80.4	81.1	82.2	83.1	83.3	83.8	83.8	83.8	84.0	84.3	84.3	84.4	84.4	84.4	84.5
≥ 40	75.9	81.9	82.7	83.8	84.8	85.1	85.6	85.6	85.6	85.8	86.1	86.1	86.2	86.2	86.2	86.3
≥ 30	76.0	82.3	83.1	84.2	85.1	85.5	85.9	85.9	85.9	86.2	86.4	86.4	86.5	86.5	86.5	86.6
≥ 20	76.0	82.6	83.5	84.5	85.5	85.8	86.3	86.3	86.3	86.5	86.8	86.8	86.9	86.9	86.9	87.0
≥ 10	76.5	83.7	85.1	86.4	87.6	87.9	88.5	88.5	88.5	88.8	89.0	89.0	89.1	89.1	89.1	89.2
≥ 5	76.6	83.8	85.2	86.5	87.9	88.3	88.9	88.9	88.9	89.1	89.4	89.4	89.5	89.5	89.5	89.6
≥ 3	76.8	84.2	85.6	86.9	88.7	89.0	89.6	89.6	89.6	90.0	90.3	90.3	90.4	90.4	90.4	90.5
≥ 2	77.1	84.9	86.3	87.7	90.0	90.3	90.9	91.0	91.1	91.5	91.8	91.8	92.0	92.0	92.0	92.1
≥ 1	77.1	85.0	86.8	88.3	90.9	91.3	91.8	92.1	92.2	92.8	93.1	93.1	93.3	93.3	93.3	93.4
≥ 0.5	77.1	85.0	87.6	89.2	92.2	92.9	94.0	95.2	95.5	96.2	97.0	97.0	97.2	97.2	97.2	97.3
≥ 0.2	77.1	85.0	87.6	89.2	92.2	92.9	94.0	95.3	95.7	96.8	97.8	97.8	98.0	98.0	98.0	98.1
≥ 0.1	77.1	85.0	87.6	89.2	92.2	92.9	94.0	95.3	95.7	96.9	97.9	97.9	98.2	98.2	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF PK

68-70, 73-79

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

		VISIBILITY - STATUTE MILES															
		≥10	20	24	28	32	36	40	44	48	52	56	60	64	68	72	≥80
≥ 10000	≥ 10000	57.4	59.3	59.6	59.7	59.8	59.8	59.9	60.6	60.8	61.1	61.3	61.3	61.6	61.6	61.7	62.2
	≥ 8000	58.6	60.8	61.2	61.3	61.5	61.6	61.7	62.4	62.5	62.9	63.1	63.1	63.4	63.4	63.5	63.9
≥ 8000	≥ 6000	59.0	61.1	61.6	61.7	61.9	61.9	62.1	62.8	62.9	63.2	63.5	63.5	63.7	63.7	63.8	64.3
	≥ 4000	59.0	61.1	61.6	61.7	61.9	61.9	62.1	62.8	62.9	63.2	63.5	63.5	63.7	63.7	63.8	64.3
≥ 4000	≥ 2000	59.6	61.7	62.2	62.3	62.5	62.5	62.6	63.4	63.5	63.8	64.1	64.1	64.3	64.3	64.4	64.9
	≥ 1000	60.5	62.6	63.1	63.2	63.5	63.5	63.6	64.3	64.4	64.8	65.0	65.0	65.2	65.2	65.4	65.8
≥ 2000	≥ 800	62.3	64.4	64.9	65.0	65.2	65.2	65.4	66.1	66.2	66.5	66.8	66.8	67.0	67.0	67.1	67.6
	≥ 600	62.3	64.4	64.9	65.0	65.2	65.2	65.4	66.1	66.2	66.5	66.8	66.8	67.0	67.0	67.1	67.6
≥ 1000	≥ 400	63.0	65.1	65.6	65.7	66.0	66.0	66.1	66.8	66.9	67.3	67.5	67.5	67.7	67.7	67.8	68.3
	≥ 200	63.5	66.0	66.7	66.8	67.0	67.1	67.3	68.0	68.1	68.4	68.7	68.7	68.9	68.9	69.0	69.5
≥ 600	≥ 400	64.2	66.5	67.3	67.4	67.6	67.7	67.8	68.6	68.7	69.0	69.3	69.3	69.5	69.5	69.6	70.1
	≥ 200	65.4	67.7	68.4	68.6	68.8	68.9	69.0	69.7	69.9	70.2	70.4	70.4	70.7	70.7	70.8	71.3
≥ 400	≥ 200	65.6	68.0	68.7	68.8	69.0	69.1	69.3	70.0	70.1	70.4	70.7	70.7	70.9	70.9	71.0	71.5
	≥ 100	65.6	68.3	69.1	69.4	69.6	69.7	69.9	70.6	70.7	71.0	71.3	71.3	71.5	71.5	71.6	72.1
≥ 300	≥ 200	67.0	69.7	70.7	70.9	71.3	71.4	71.5	72.2	72.3	72.7	72.9	72.9	73.2	73.2	73.3	73.8
	≥ 100	68.3	71.2	72.1	72.3	72.7	72.8	72.9	73.8	73.9	74.2	74.5	74.5	74.7	74.7	74.8	75.3
≥ 2500	≥ 2000	69.4	72.6	73.6	74.0	74.5	74.6	74.7	75.5	75.7	76.0	76.2	76.2	76.5	76.5	76.6	77.1
	≥ 1500	71.9	75.3	76.4	76.7	77.2	77.3	77.4	78.3	78.4	78.7	79.0	79.0	79.2	79.2	79.3	79.8
≥ 1800	≥ 1500	72.3	76.2	77.3	77.7	78.1	78.3	78.4	79.2	79.3	79.7	79.9	79.9	80.1	80.1	80.3	80.7
	≥ 1000	73.2	77.7	78.7	79.1	79.7	79.8	79.9	80.7	80.9	81.2	81.4	81.4	81.7	81.7	81.8	82.3
≥ 1200	≥ 1000	73.9	78.8	80.1	80.5	81.2	81.3	81.4	82.3	82.4	82.7	83.0	83.0	83.2	83.2	83.3	83.8
	≥ 800	74.7	80.3	81.7	82.2	82.9	83.0	83.1	83.9	84.0	84.4	84.6	84.6	84.9	84.9	85.0	85.5
≥ 900	≥ 800	74.9	80.9	82.4	83.1	83.8	83.9	84.0	84.9	85.1	85.5	85.7	85.7	85.9	85.9	86.1	86.5
	≥ 600	74.9	81.2	82.9	83.7	84.5	84.8	85.0	85.9	86.2	86.5	86.8	86.8	87.0	87.0	87.1	87.6
≥ 700	≥ 600	75.3	81.9	83.6	84.5	85.5	85.0	86.1	87.0	87.2	87.6	87.8	87.8	88.1	88.1	88.2	88.7
	≥ 400	75.4	82.0	83.7	84.6	85.7	86.2	86.5	87.5	87.7	88.2	88.4	88.4	88.7	88.7	88.8	89.2
≥ 500	≥ 400	75.5	82.3	84.3	85.3	87.0	87.5	88.1	89.4	89.7	90.4	90.7	90.7	90.9	90.9	91.0	91.5
	≥ 300	75.7	82.4	84.4	85.8	87.8	88.7	89.2	90.5	90.9	91.6	91.8	91.8	92.1	92.1	92.2	92.8
≥ 300	≥ 200	75.7	82.4	84.8	86.5	88.5	89.5	90.7	92.3	93.0	94.0	94.7	94.7	94.9	94.9	95.0	95.6
	≥ 100	75.7	82.4	84.8	86.6	88.7	89.7	90.9	93.0	93.7	95.0	95.7	95.7	96.0	96.0	96.1	96.7
≥ 100	≥ 0	75.7	82.4	84.8	86.6	88.7	89.7	91.0	93.1	94.0	95.4	96.3	96.3	96.9	97.0	97.5	98.7
	≥ 0	75.7	82.4	84.8	86.6	88.7	89.7	91.0	93.1	94.0	95.9	96.8	96.8	97.4	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FI SILL AAF ON

68-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	>6	>4	>3	>2	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1	>1
NO CEILING 20000	52.4	53.9	54.6	55.1	55.9	56.0	56.5	56.5	56.5	56.5	56.5	56.6	56.7	57.2	57.2	57.2
20000	55.3	55.5	57.6	58.0	58.9	59.0	59.5	59.5	59.5	59.5	59.5	59.6	59.7	60.2	60.2	60.2
18000	55.7	57.3	58.0	58.5	59.3	59.5	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.5	60.6	60.6
16000	55.7	57.3	58.0	58.5	59.3	59.5	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.6	60.6	60.6
14000	56.9	58.5	59.2	59.7	60.5	60.6	61.1	61.1	61.1	61.1	61.1	61.2	61.3	61.8	61.8	61.8
12000	58.0	59.7	60.4	60.9	61.7	61.8	62.3	62.3	62.3	62.3	62.3	62.4	62.5	63.0	63.0	63.0
10000	59.8	61.5	62.2	62.6	63.6	63.7	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.9	64.9	64.9
8000	59.9	61.6	62.3	62.8	63.7	63.8	64.3	64.3	64.3	64.3	64.3	64.4	64.5	65.0	65.0	65.0
6000	60.9	62.5	63.2	63.7	64.7	64.8	65.2	65.2	65.2	65.2	65.2	65.4	65.5	66.0	66.0	66.0
4000	61.7	63.4	64.1	64.5	65.6	65.7	66.2	66.2	66.2	66.2	66.2	66.3	66.4	66.9	66.9	66.9
2000	62.6	64.3	65.0	65.5	66.5	66.7	67.1	67.1	67.1	67.1	67.1	67.3	67.4	67.8	67.8	67.8
1000	63.7	65.4	66.2	66.8	67.8	68.0	68.4	68.4	68.4	68.4	68.4	68.6	68.7	69.1	69.1	69.1
500	63.8	65.5	66.5	67.1	68.2	68.3	68.8	68.8	68.8	68.8	68.8	68.9	69.0	69.5	69.5	69.5
300	64.2	66.0	67.0	67.6	68.8	68.9	69.4	69.4	69.4	69.4	69.4	69.5	69.6	70.1	70.1	70.1
100	64.4	66.3	67.4	68.0	69.1	69.3	69.7	69.7	69.7	69.7	69.7	69.9	70.0	70.4	70.4	70.4
50	65.5	67.4	68.5	69.1	70.3	70.4	70.9	70.9	70.9	70.9	70.9	71.0	71.2	71.6	71.6	71.6
30	67.5	69.5	70.6	71.4	72.6	72.7	73.2	73.2	73.2	73.2	73.2	73.3	73.4	73.9	73.9	73.9
10	69.0	71.7	72.1	72.9	74.1	74.2	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.5	75.5	75.5
5	69.3	71.6	72.7	73.5	74.7	74.8	75.4	75.4	75.4	75.4	75.4	75.5	75.7	76.1	76.1	76.1
3	70.0	73.2	74.2	75.1	76.4	76.5	77.1	77.1	77.1	77.1	77.1	77.2	77.3	77.8	77.8	77.8
2	71.0	74.8	76.1	77.3	78.7	78.8	79.4	79.4	79.4	79.4	79.4	79.6	79.9	80.0	80.6	80.6
1	72.2	77.5	78.4	79.8	81.4	81.6	82.5	82.5	82.5	82.5	82.5	82.7	83.1	83.2	83.8	83.8
0	72.3	77.1	78.6	80.0	81.7	82.0	83.0	83.0	83.0	83.0	83.0	83.2	83.7	83.8	84.4	84.4
1000	72.6	77.4	79.1	80.5	82.4	82.9	83.9	83.9	83.9	83.9	84.2	84.6	84.8	85.2	85.3	85.3
800	72.6	77.5	79.6	81.1	83.1	83.8	85.0	85.0	85.1	85.3	85.8	85.9	86.5	86.5	86.5	86.5
600	72.9	78.3	80.3	81.9	83.9	84.6	86.2	86.2	86.3	86.6	87.1	87.2	87.8	87.8	87.8	87.8
400	73.0	78.4	80.6	82.3	84.5	85.3	87.0	87.0	87.1	87.5	87.9	88.1	88.7	88.7	88.7	88.8
200	73.2	79.0	81.2	83.2	85.8	86.6	88.5	89.0	89.1	89.5	90.1	90.2	90.9	90.9	90.9	91.0
100	73.2	79.1	81.4	83.9	86.9	88.1	90.3	91.4	91.6	92.3	93.3	93.4	94.2	94.2	94.4	94.6
50	73.2	79.1	81.4	83.9	86.9	88.3	90.7	91.8	92.1	93.1	94.1	94.2	95.0	95.2	95.4	95.5
10	73.2	79.1	81.4	83.9	86.9	88.3	90.7	91.8	92.2	93.9	94.9	95.0	96.1	96.6	97.5	98.5
0	73.2	79.1	81.4	83.9	86.9	88.3	90.7	91.8	92.2	93.9	94.5	95.0	96.2	96.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

68-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	50.2	51.7	52.7	52.7	52.7	52.7	53.0	53.1	53.1	53.2	53.2	53.2	53.4	53.5	53.5	53.5	53.5
≥ 2000	57.2	58.9	60.0	60.0	60.0	60.0	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.9	61.0	61.0	61.0
≥ 1800	57.2	58.9	60.0	60.0	60.0	60.0	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.9	61.0	61.0	61.0
≥ 1600	57.6	59.2	60.4	60.4	60.4	60.4	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.2	61.3	61.3	61.3
≥ 1400	58.3	59.9	61.3	61.3	61.3	61.3	61.6	61.8	61.9	62.1	62.1	62.1	62.3	62.4	62.4	62.4	62.4
≥ 1200	60.2	61.8	63.2	63.2	63.2	63.2	63.5	63.8	63.8	63.9	63.9	63.9	64.2	64.3	64.3	64.3	64.3
≥ 1000	61.5	63.4	64.8	64.9	65.0	65.0	65.2	65.6	65.6	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1
≥ 800	61.6	63.5	65.0	65.1	65.2	65.2	65.5	65.8	65.8	66.0	66.0	66.0	66.2	66.3	66.3	66.3	66.3
≥ 600	63.5	65.5	67.1	67.3	67.4	67.4	67.6	68.0	68.0	68.1	68.1	68.1	68.3	68.4	68.4	68.4	68.4
≥ 400	63.9	66.1	67.7	67.8	68.0	68.0	68.2	68.6	68.6	68.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0
≥ 200	64.3	66.4	68.1	68.2	68.4	68.4	68.7	69.0	69.0	69.1	69.1	69.1	69.4	69.5	69.5	69.5	69.5
≥ 100	64.5	66.7	68.3	68.4	68.7	68.7	68.9	69.3	69.3	69.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7
≥ 50	64.8	67.0	68.7	68.9	69.1	69.1	69.4	69.7	69.7	69.9	69.9	69.9	70.1	70.2	70.2	70.2	70.2
≥ 0	65.5	67.8	69.7	70.0	70.2	70.3	70.7	71.0	71.0	71.2	71.2	71.2	71.4	71.5	71.5	71.5	71.5
≥ 2000	65.6	68.0	70.0	70.2	70.4	70.6	70.9	71.3	71.3	71.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7
≥ 1800	65.7	68.1	70.1	70.3	70.7	71.0	71.4	71.7	71.7	72.0	72.0	72.0	72.2	72.3	72.3	72.3	72.3
≥ 1600	66.8	69.5	71.6	72.0	72.3	72.7	73.0	73.4	73.4	73.6	73.6	73.6	73.9	74.0	74.0	74.0	74.0
≥ 1400	67.8	70.7	72.9	73.5	73.9	74.2	74.7	75.1	75.1	75.3	75.3	75.3	75.5	75.7	75.7	75.7	75.7
≥ 1200	68.6	71.5	73.8	74.5	74.9	75.5	76.0	76.4	76.4	76.6	76.6	76.6	76.8	77.0	77.0	77.0	77.0
≥ 1000	70.0	74.0	76.5	77.2	77.9	78.5	79.0	79.3	79.5	79.6	79.6	79.6	79.8	79.9	79.9	79.9	79.9
≥ 800	70.3	75.3	77.8	78.7	79.4	80.0	80.9	81.2	81.2	81.4	81.4	81.4	81.7	81.8	81.8	81.8	81.8
≥ 600	70.7	76.7	79.3	80.3	81.0	81.6	82.4	82.7	82.7	83.0	83.0	83.0	83.2	83.5	83.5	83.5	83.5
≥ 400	70.7	76.8	79.9	81.0	82.0	82.6	83.5	83.8	83.8	84.0	84.0	84.0	84.3	84.5	84.5	84.5	84.5
≥ 200	70.6	77.3	80.4	81.7	82.9	83.5	84.5	85.1	85.1	85.3	85.3	85.3	85.6	85.9	85.9	85.9	85.9
≥ 100	70.8	77.4	81.0	82.4	83.8	84.6	85.9	86.6	86.6	86.9	86.9	86.9	87.1	87.5	87.5	87.5	87.5
≥ 0	70.8	77.8	81.6	83.7	85.2	86.3	87.6	88.4	88.4	88.7	88.7	88.7	88.9	89.2	89.4	89.4	89.4
≥ 2000	70.8	77.9	81.8	84.0	86.1	87.2	89.0	90.1	90.2	90.4	90.5	90.5	90.8	91.3	91.4	91.4	91.4
≥ 1800	70.8	77.9	81.8	84.3	87.1	88.5	90.9	92.4	92.6	92.9	93.0	93.0	93.5	93.7	94.1	94.1	94.1
≥ 1600	70.8	77.9	81.8	84.5	87.5	89.0	91.5	93.7	94.2	94.9	95.0	95.0	95.5	96.3	96.7	96.7	96.7
≥ 1400	70.3	77.9	81.8	84.5	87.5	89.0	91.6	94.3	94.8	95.5	96.2	96.3	97.0	97.6	98.1	98.2	98.2
≥ 1200	70.8	77.9	81.8	84.5	87.5	89.0	91.6	94.3	94.8	95.5	96.3	96.5	97.2	98.2	99.1	99.5	99.5
≥ 1000	70.8	77.9	81.8	84.5	87.5	89.0	91.6	94.3	94.8	95.5	96.3	96.5	97.3	98.2	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FI SILL AAF OK

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	53.4	55.1	55.4	55.4	55.4	55.6	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	61.1	62.8	63.1	63.1	63.1	63.2	63.3	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	61.2	62.9	63.2	63.2	63.2	63.4	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	61.6	63.2	63.6	63.6	63.6	63.7	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	61.8	63.5	63.9	63.9	64.1	64.2	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	62.2	65.2	65.7	65.7	65.8	66.0	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	64.7	66.7	67.1	67.1	67.3	67.4	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	64.9	66.9	67.4	67.4	67.5	67.6	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	66.5	68.6	69.0	69.0	69.1	69.3	69.6	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	67.0	69.0	69.5	69.5	69.6	69.7	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	67.3	69.3	69.7	69.7	69.9	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	68.1	70.2	70.8	70.8	70.9	71.0	71.4	71.5	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	68.7	70.8	71.4	71.4	71.6	71.7	72.1	72.2	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	70.2	72.3	72.9	72.9	73.2	73.3	73.6	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3500	71.0	73.2	73.8	73.8	74.0	74.1	74.5	74.6	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	71.0	73.4	74.0	74.0	74.2	74.3	74.8	74.9	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	71.6	74.0	74.6	74.6	74.8	74.9	75.4	75.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	72.3	76.5	77.1	77.1	77.3	77.4	77.9	78.0	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	74.1	77.3	77.9	77.9	78.3	78.5	79.1	79.2	79.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1500	75.9	79.3	80.1	80.1	80.5	80.9	81.4	81.6	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	77.1	82.0	83.6	83.7	84.0	84.6	85.3	85.5	85.5	85.7	86.1	86.1	86.1	86.1	86.1	86.1
≥ 900	77.8	83.5	85.0	85.2	86.3	87.0	87.8	87.9	87.9	88.2	88.7	88.7	88.8	88.8	88.8	88.8
≥ 800	77.8	83.5	86.3	86.7	87.2	88.1	89.0	89.1	89.1	89.4	89.8	89.8	90.0	90.0	90.0	90.0
≥ 700	77.8	83.8	86.9	87.6	87.9	89.0	90.2	90.3	90.3	90.5	91.0	91.0	91.1	91.1	91.1	91.1
≥ 600	77.8	83.9	87.1	88.1	88.5	89.8	91.3	91.5	91.6	91.8	92.3	92.3	92.4	92.4	92.4	92.4
≥ 500	77.8	84.4	88.2	89.1	90.0	91.4	93.0	93.4	93.5	93.7	94.3	94.3	94.4	94.4	94.4	94.4
≥ 450	77.8	84.5	88.5	89.6	90.8	92.4	94.1	94.7	94.8	95.0	95.6	95.6	95.7	95.7	95.7	95.7
≥ 400	77.8	84.5	88.7	90.0	91.3	93.1	95.0	95.9	96.6	96.9	97.5	97.5	97.6	97.8	97.8	97.8
≥ 300	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.1	98.8	98.8	98.9	99.1	99.1	99.1
≥ 200	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.2	99.5	99.6	99.8	99.9	99.9	99.9
≥ 100	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.2	99.5	99.6	99.8	99.9	99.9	99.9
≥ 0	77.8	84.5	88.7	90.1	91.5	93.5	95.7	96.6	97.4	98.2	99.5	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

8-72, 73-79
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	57.1	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	65.2	67.1	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	65.8	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	66.0	67.8	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	66.4	68.4	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	67.6	69.9	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	68.6	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	68.7	71.4	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	70.6	73.3	73.5	73.8	73.3	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	71.5	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	71.9	74.6	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	72.7	75.7	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.8	76.8
≥ 4500	72.9	75.9	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	77.0	77.1	77.1
≥ 4000	74.1	77.2	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.3	78.4	78.4	78.4
≥ 3500	74.7	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	79.0	79.1	79.1
≥ 3000	75.3	78.4	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.7	79.8	79.8
≥ 2500	76.6	79.8	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.9	80.9	80.9	81.1	81.2	81.2	81.2
≥ 2000	78.3	81.9	82.5	82.7	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.3	83.5	83.5	83.5
≥ 1800	78.8	82.7	83.5	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.3	84.4	84.4	84.4
≥ 1500	79.7	84.5	85.3	85.7	85.8	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.3	86.4	86.4	86.4
≥ 1200	80.6	86.2	87.5	88.1	88.4	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.9	89.0	89.0	89.0
≥ 1000	81.0	87.1	88.7	89.5	90.2	90.5	90.8	90.8	90.8	90.9	90.9	90.9	91.1	91.2	91.3	91.3
≥ 900	81.0	87.2	88.9	89.8	90.5	90.9	91.3	91.4	91.4	91.5	91.6	91.6	91.8	92.0	92.0	92.0
≥ 800	81.3	87.8	89.6	90.7	91.5	91.8	92.2	92.3	92.3	92.4	92.6	92.6	92.8	92.9	92.9	92.9
≥ 700	81.3	88.1	90.3	91.6	92.8	93.1	93.7	94.0	94.0	94.2	94.3	94.3	94.6	94.7	94.7	94.7
≥ 600	81.3	88.4	90.8	92.1	93.3	93.7	94.4	95.0	95.0	95.3	95.6	95.6	95.9	96.0	96.0	96.0
≥ 500	81.3	88.8	91.4	92.7	94.2	94.9	95.7	96.6	96.7	97.0	97.4	97.4	97.6	97.8	97.8	97.8
≥ 400	81.4	88.9	91.5	92.8	94.4	95.4	96.6	97.6	97.8	98.2	98.7	98.7	98.9	99.1	99.1	99.1
≥ 300	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.4	99.5	99.5	99.5
≥ 200	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.4	99.6	99.8	99.8
≥ 100	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.5	99.9	100.0	100.0
≥ 0	81.4	88.9	91.5	92.8	94.6	95.5	96.8	97.9	98.0	98.7	99.2	99.2	99.5	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13965

F1 SILL AAF OK

68-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	61.2	63.2	63.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	67.7	69.8	69.9	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	68.2	70.2	70.3	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	68.2	70.2	70.3	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	68.7	70.8	70.9	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	69.9	72.1	72.5	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	71.2	73.5	73.9	74.4	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	71.4	73.8	74.1	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	72.5	75.0	75.3	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	73.0	75.4	75.8	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	73.7	76.2	76.5	77.0	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	73.9	76.7	77.1	77.6	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	74.5	77.5	77.8	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	75.3	78.9	79.2	79.7	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	76.4	80.1	80.4	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	77.8	81.5	81.9	82.3	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	78.5	82.2	82.6	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.7	83.7	83.7
≥ 2000	79.1	82.9	83.3	83.7	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	80.3	84.1	85.2	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.4	86.4	86.4
≥ 1500	80.5	85.1	86.7	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0
≥ 1200	81.6	86.5	88.3	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.8	89.8
≥ 1000	81.6	86.7	88.6	89.6	90.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.5	91.5	91.5
≥ 900	81.6	86.8	88.8	89.8	90.9	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.9	92.2	92.2	92.2
≥ 800	81.7	87.1	89.2	90.2	91.2	91.5	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.6	92.6	92.6
≥ 700	82.1	87.7	90.0	91.0	92.2	92.4	93.1	93.4	93.4	93.6	93.6	93.7	94.0	94.0	94.0	94.0
≥ 600	82.1	87.9	90.5	91.6	92.8	93.1	94.0	94.2	94.2	94.5	94.7	94.8	95.0	95.0	95.0	95.0
≥ 500	82.1	88.0	90.6	91.9	93.7	94.1	95.4	95.6	95.7	96.1	96.3	96.4	96.7	96.7	96.7	96.7
≥ 400	82.1	88.0	90.6	92.1	94.2	94.9	96.7	97.0	97.3	97.9	98.2	98.3	98.5	98.6	98.6	98.6
≥ 300	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.4	97.6	98.6	98.9	99.1	99.3	99.3	99.3	99.3
≥ 200	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.7	98.0	98.9	99.3	99.4	99.6	99.6	99.6	99.6
≥ 100	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.7	98.0	98.9	99.3	99.4	99.6	99.6	99.6	99.6
≥ 0	82.1	88.0	90.6	92.1	94.2	94.9	96.9	97.7	98.0	98.9	99.3	99.4	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 843

USAF ETAC 0-14-5 (D-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING ≥ 20000	62.8	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.1
≥ 18000 ≥ 16000	66.4	69.2	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1
≥ 14000 ≥ 12000	67.3	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2
≥ 10000 ≥ 9000	67.3	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2
≥ 8000 ≥ 7000	67.4	70.1	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.3	71.3	71.3	71.3	71.3
≥ 6000 ≥ 5000	67.5	70.6	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8
≥ 4500 ≥ 4000	68.1	71.2	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.4	72.4	72.4	72.4	72.4
≥ 3500 ≥ 3000	68.1	71.2	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.4	72.4	72.4	72.4	72.4
≥ 2500 ≥ 2000	68.7	72.0	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.2
≥ 1800 ≥ 1600	69.4	73.1	73.5	73.9	74.0	74.0	74.1	74.3	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6
≥ 1400 ≥ 1200	70.3	74.1	74.6	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.6	75.7	75.7	75.7	75.7	75.7
≥ 1000 ≥ 900	71.5	75.3	75.8	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.7	76.9	76.9	76.9	76.9	76.9
≥ 800 ≥ 700	73.1	77.1	77.7	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.6	78.8	78.8	78.8	78.8	78.8
≥ 600 ≥ 500	73.9	77.9	78.5	78.9	79.0	79.0	79.1	79.2	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.7
≥ 400 ≥ 300	74.3	78.3	78.9	79.4	79.6	79.6	79.7	79.8	79.8	80.0	80.2	80.3	80.3	80.3	80.3	80.3
≥ 200 ≥ 100	74.9	78.9	79.5	80.0	80.2	80.3	80.4	80.5	80.5	80.7	80.9	81.0	81.0	81.0	81.0	81.0
≥ 100 U	75.1	79.1	79.8	80.3	80.8	80.9	80.9	81.0	81.0	81.1	81.4	81.5	81.5	81.5	81.5	81.5
	75.9	80.3	81.4	81.9	82.3	82.3	82.6	82.7	82.7	82.8	83.0	83.2	83.2	83.2	83.2	83.2
	76.9	81.6	82.7	83.2	83.6	83.6	83.9	84.0	84.0	84.1	84.3	84.5	84.5	84.5	84.5	84.5
	77.9	83.4	84.7	85.2	85.6	85.6	85.9	86.0	86.0	86.1	86.4	86.5	86.5	86.5	86.5	86.5
	78.2	84.5	85.8	86.6	87.1	87.1	87.3	87.4	87.4	87.5	87.8	87.9	87.9	87.9	87.9	87.9
	78.2	84.9	86.2	87.2	87.7	87.7	88.0	88.1	88.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6
	78.2	84.9	86.4	87.3	87.9	87.9	88.3	88.4	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8
	78.5	85.4	87.0	88.1	89.2	89.3	89.8	90.2	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6
	78.5	85.8	87.3	88.7	90.2	90.3	90.7	91.2	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7
	78.6	86.1	88.1	89.6	91.0	91.2	91.8	92.3	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9
	78.6	86.4	88.6	90.2	91.7	92.1	92.9	93.5	93.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1
	78.8	86.5	88.7	90.7	92.3	92.6	93.8	94.4	94.5	94.8	95.1	95.3	95.5	95.5	95.5	95.5
	78.8	86.5	88.8	90.9	92.6	93.1	94.8	95.8	96.1	96.4	96.6	96.9	97.2	97.2	97.2	97.2
	78.8	86.5	88.8	90.9	92.6	93.1	94.9	96.3	96.6	97.2	97.7	97.9	98.3	98.3	98.3	98.3
	78.8	86.5	88.8	90.9	92.6	93.1	94.9	96.7	96.9	97.5	98.1	98.3	98.9	98.9	99.2	99.3
	78.8	86.5	88.8	90.9	92.6	93.1	94.9	96.7	96.9	97.5	98.1	98.3	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 843

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

68-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.1	58.9	59.3	59.5	59.7	59.8	59.9	60.0	60.1	60.1	60.3	60.3	60.4	60.4	60.5	60.5
≥ 20000	61.9	63.0	64.4	64.6	64.9	64.9	65.1	65.2	65.3	65.4	65.5	65.5	65.6	65.6	65.7	65.7
≥ 18000	62.3	64.4	64.8	65.0	65.3	65.4	65.5	65.7	65.7	65.8	65.9	65.9	66.1	66.1	66.1	66.2
≥ 16000	62.4	64.4	64.9	65.1	65.4	65.5	65.6	65.8	65.8	65.9	66.0	66.0	66.2	66.2	66.2	66.3
≥ 14000	62.9	65.0	65.5	65.7	66.0	66.0	66.3	66.4	66.4	66.5	66.6	66.7	66.8	66.8	66.8	66.9
≥ 12000	64.0	66.2	66.7	66.9	67.2	67.3	67.5	67.6	67.6	67.7	67.9	67.9	68.0	68.0	68.1	68.1
≥ 10000	65.2	67.5	68.0	68.2	68.6	68.6	68.8	69.0	69.0	69.1	69.2	69.3	69.4	69.4	69.4	69.5
≥ 9000	65.4	67.6	68.2	68.4	68.7	68.8	69.0	69.1	69.2	69.3	69.4	69.4	69.5	69.6	69.6	69.6
≥ 8000	66.5	68.9	69.4	69.7	70.0	70.1	70.3	70.4	70.4	70.5	70.6	70.7	70.8	70.8	70.8	70.9
≥ 7000	67.1	69.6	70.2	70.5	70.8	70.9	71.1	71.3	71.3	71.4	71.5	71.6	71.7	71.7	71.7	71.8
≥ 6000	67.7	70.2	70.8	71.0	71.4	71.5	71.7	71.9	71.9	72.0	72.1	72.2	72.3	72.3	72.3	72.4
≥ 5000	68.6	71.1	71.8	72.1	72.5	72.6	72.8	73.0	73.0	73.1	73.2	73.3	73.4	73.4	73.5	73.5
≥ 4500	69.0	71.7	72.4	72.7	73.1	73.2	73.4	73.6	73.6	73.7	73.9	73.9	74.0	74.1	74.1	74.1
≥ 4000	69.9	72.7	73.5	73.8	74.2	74.3	74.5	74.7	74.7	74.9	75.0	75.0	75.2	75.2	75.2	75.3
≥ 3500	70.5	73.5	74.3	74.6	75.1	75.2	75.4	75.6	75.6	75.7	75.9	75.9	76.0	76.1	76.1	76.1
≥ 3000	71.3	74.4	75.2	75.5	76.0	76.1	76.4	76.6	76.6	76.7	76.9	76.9	77.1	77.1	77.1	77.2
≥ 2500	72.2	75.4	76.3	76.7	77.2	77.3	77.6	77.8	77.8	78.0	78.1	78.1	78.3	78.3	78.3	78.4
≥ 2000	73.7	77.2	78.2	78.6	79.2	79.3	79.6	79.8	79.8	80.0	80.1	80.1	80.3	80.3	80.4	80.4
≥ 1800	74.4	78.1	79.2	79.7	80.2	80.4	80.7	80.9	80.9	81.1	81.2	81.2	81.4	81.5	81.5	81.5
≥ 1500	75.2	79.7	80.9	81.5	82.1	82.3	82.6	82.8	82.8	82.9	83.1	83.1	83.3	83.3	83.3	83.4
≥ 1000	76.1	81.2	82.7	83.5	84.1	84.4	84.8	84.9	84.9	85.1	85.3	85.3	85.5	85.6	85.6	85.7
≥ 900	76.5	82.3	83.9	84.8	85.6	85.9	86.5	86.6	86.6	86.8	87.0	87.1	87.3	87.3	87.4	87.4
≥ 800	76.6	82.5	84.3	85.3	86.2	86.5	87.1	87.3	87.4	87.5	87.8	87.8	88.0	88.1	88.1	88.2
≥ 700	76.8	83.0	85.0	86.1	87.1	87.6	88.3	88.6	88.6	88.8	89.0	89.1	89.3	89.3	89.4	89.4
≥ 600	76.9	83.3	85.5	86.7	88.0	88.5	89.3	89.7	89.8	90.0	90.2	90.3	90.5	90.5	90.6	90.6
≥ 500	77.0	83.6	86.1	87.4	88.8	89.4	90.4	90.8	90.9	91.2	91.5	91.5	91.7	91.8	91.8	91.9
≥ 400	77.1	84.0	86.5	88.0	89.7	90.5	91.6	92.2	92.4	92.7	93.0	93.1	93.3	93.4	93.4	93.5
≥ 300	77.1	84.0	86.9	88.7	91.0	92.1	93.8	95.0	95.4	96.2	96.8	96.8	97.1	97.2	97.3	97.4
≥ 200	77.1	84.0	86.9	88.8	91.0	92.1	93.9	95.4	95.8	96.7	97.4	97.5	97.9	98.0	98.2	98.3
≥ 100	77.1	84.0	86.9	88.8	91.0	92.1	94.0	95.4	95.9	96.9	97.7	97.8	98.3	98.6	99.0	99.3
≥ 0	77.1	84.0	86.9	88.8	91.0	92.1	94.0	95.4	95.9	96.9	97.8	97.8	98.4	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6762

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

IAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	64.6	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	70.3	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	70.6	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	72.6	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	74.3	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	76.1	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	77.2	78.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	77.8	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	79.1	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	79.4	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	79.7	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	80.8	82.6	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	82.7	84.9	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	83.2	85.6	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	84.5	87.0	87.5	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	85.3	88.2	88.9	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	86.6	89.8	91.0	91.4	91.7	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	86.8	90.4	91.6	92.0	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	87.3	91.5	92.7	93.2	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	87.4	92.5	93.9	94.6	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	87.5	92.7	94.2	94.9	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	87.5	92.8	94.5	95.6	96.0	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	87.5	92.9	94.6	95.8	96.5	96.5	96.8	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7
≥ 300	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.2	98.3	98.4	98.5	98.7	98.7	98.7
≥ 100	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.2	98.4	98.6	98.9	99.5	99.7	99.7
≥ 0	87.5	92.9	94.6	95.8	96.6	97.0	97.5	97.6	97.8	98.2	98.4	98.6	99.1	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70-73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	> 0
NO CEILING ≥ 20000	59.6	62.3	62.3	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.2
≥ 18000	62.9	65.6	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.6
≥ 16000	62.9	65.6	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.6
≥ 14000	63.2	66.1	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2
≥ 12000	63.8	66.6	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6
≥ 10000	66.0	68.8	69.2	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.9
≥ 9000	66.3	69.1	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2
≥ 8000	68.2	71.2	71.6	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.3
≥ 7000	68.7	71.7	72.2	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.8
≥ 6000	70.9	73.9	74.3	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.1
≥ 5000	72.0	75.2	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6
≥ 4500	72.3	75.6	76.3	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.2
≥ 4000	73.8	77.1	78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8
≥ 3500	74.2	77.7	78.6	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.7
≥ 3000	75.3	78.3	79.6	80.2	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 2500	75.8	79.5	80.3	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.6
≥ 2000	77.8	81.5	82.4	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.8
≥ 1500	78.4	82.0	82.9	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3
≥ 1000	80.5	84.2	85.1	85.7	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	87.0
≥ 900	81.5	85.2	86.2	86.9	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.2	88.2	88.2	88.3
≥ 800	82.6	86.9	88.2	89.1	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.8
≥ 700	83.0	87.5	88.9	89.9	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.5
≥ 600	83.7	89.1	90.5	91.5	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.1
≥ 500	84.2	90.0	91.5	92.7	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.3
≥ 400	84.5	90.5	92.0	93.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	95.1
≥ 300	84.7	91.2	92.9	94.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.1
≥ 200	84.7	91.3	93.1	94.6	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	97.1
≥ 100	84.7	91.3	93.1	94.6	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	97.1
≥ 0	84.7	91.3	93.1	94.6	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	97.1

TOTAL NUMBER OF OBSERVATIONS 330

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945 FT. SILL AAF OK

67-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
≥ 10000	50.2	53.2	54.2	54.7	54.7	54.7	54.8	54.8	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.2
≥ 18000	53.5	57.0	58.0	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9
≥ 16000	53.5	57.0	58.0	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9
≥ 4000	54.0	57.4	58.4	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.2	59.4	59.4	59.4	59.4
≥ 12000	54.7	58.2	59.1	59.7	59.7	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1
≥ 10000	57.2	61.3	62.3	62.9	62.9	62.9	63.0	63.0	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3
≥ 8000	58.1	62.3	63.2	63.9	63.9	63.9	64.0	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3
≥ 6000	60.0	64.4	65.5	66.1	66.1	66.1	66.2	66.3	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7
≥ 4000	60.5	64.9	66.0	66.7	66.7	66.7	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2
≥ 2000	61.6	66.2	67.3	68.0	68.2	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7
≥ 1000	63.2	68.4	69.6	70.3	70.6	70.6	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2
≥ 800	64.4	69.6	70.8	71.5	71.8	71.8	71.9	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 600	65.3	70.6	71.9	72.7	73.1	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7
≥ 400	65.7	71.1	72.4	73.1	73.5	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1
≥ 200	66.2	71.7	73.0	73.8	74.2	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7
≥ 100	67.5	73.1	74.6	75.4	75.8	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3
≥ 50	70.4	76.7	78.2	79.1	79.6	79.6	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1
≥ 20	71.2	77.5	79.2	80.1	80.6	80.6	80.8	80.9	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 10	72.4	79.1	81.2	82.0	82.6	82.6	82.7	82.8	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1
≥ 5	73.8	80.9	82.9	83.8	84.3	84.3	84.6	84.7	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1
≥ 2	74.5	82.7	85.1	86.0	86.8	86.8	87.1	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5
≥ 1	75.2	83.5	86.0	87.0	87.7	87.8	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5
≥ 1/2	75.8	84.9	87.6	89.0	89.9	90.0	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6
≥ 1/4	75.9	85.5	88.4	89.9	90.9	91.0	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1/8	75.9	85.5	88.5	90.2	91.4	91.5	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1/16	76.1	85.9	88.9	91.3	92.8	93.2	93.7	93.9	94.1	94.1	94.2	94.2	94.4	94.4	94.4	94.4
≥ 1/32	76.1	86.0	89.2	91.9	94.1	94.8	95.5	96.0	96.3	96.3	96.5	96.5	96.7	96.7	96.8	96.8
≥ 1/64	76.3	86.2	89.5	92.2	94.7	95.6	96.3	97.1	97.4	97.5	97.6	97.6	97.8	97.8	98.0	98.0
≥ 1/128	76.3	86.2	89.5	92.2	94.7	95.7	96.7	97.4	97.8	98.1	98.4	98.4	98.6	98.6	98.8	98.8
≥ 1/256	76.3	86.2	89.5	92.2	94.7	95.7	96.7	97.4	97.8	98.1	98.4	98.4	98.6	98.6	98.8	98.8
≥ 1/512	76.3	86.2	89.5	92.2	94.7	95.7	96.7	97.4	97.8	98.1	98.4	98.4	98.6	98.6	98.8	98.8
≥ 1/1024	76.3	86.2	89.5	92.2	94.7	95.7	96.7	97.4	97.8	98.1	98.4	98.4	98.6	98.6	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19945 FT SILL AAF TX STATION NAME

67-70, 73-78 DATE

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0930-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	49.0	50.9	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	53.8	54.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	53.8	55.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 15000	53.8	55.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000	54.6	56.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	55.5	57.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	58.1	60.2	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	58.5	60.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	59.6	61.9	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	60.6	63.0	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	62.2	64.8	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	63.4	66.3	67.7	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	64.3	67.3	68.7	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	65.3	68.4	70.0	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	65.8	69.0	70.6	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	66.3	69.6	71.3	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	67.8	71.3	73.0	73.4	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2000	69.2	73.3	75.3	75.7	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1800	70.5	74.6	76.6	77.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1600	72.0	77.8	80.6	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1400	74.4	80.4	83.3	84.2	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	75.7	82.0	85.0	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	75.5	82.9	86.9	88.2	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	75.7	83.8	88.3	89.8	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	76.0	84.1	88.6	90.4	92.0	92.4	92.6	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	76.0	84.7	89.2	91.1	93.1	93.5	93.8	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	76.3	85.2	90.2	92.3	95.1	95.7	96.0	96.0	96.1	96.3	96.5	96.5	96.7	96.7	96.7	96.7
≥ 400	76.3	85.3	90.6	93.3	95.9	96.7	97.2	97.5	97.7	98.1	98.2	98.2	98.5	98.5	98.5	98.5
≥ 300	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.3	98.5	98.8	99.0	99.0	99.4	99.4	99.5	99.5
≥ 200	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.4	98.6	98.9	99.2	99.2	99.6	99.6	99.8	99.8
≥ 100	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.4	98.6	98.9	99.2	99.2	99.6	99.6	99.9	100.0
≥ 0	76.3	85.3	90.6	93.3	96.0	96.8	97.4	98.4	98.6	98.9	99.2	99.2	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥20000	52.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥18000	59.1	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥16000	59.2	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥14000	59.2	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥12000	59.6	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥10000	60.3	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥9000	62.7	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥8000	63.2	65.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥7000	65.2	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥6000	66.3	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥5000	66.9	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥4500	68.5	70.4	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥4000	70.0	72.2	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥3500	70.6	72.9	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥3000	71.7	74.0	74.6	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥2500	73.0	75.4	76.2	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥2000	75.8	78.5	79.1	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥1800	79.2	82.0	82.7	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥1600	79.7	83.0	83.7	84.0	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥1500	81.6	85.8	87.1	87.5	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥1200	82.6	87.8	89.4	90.0	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥1000	82.7	88.6	90.3	91.2	91.7	91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥900	82.9	89.7	91.5	92.4	92.9	93.0	93.4	93.5	93.5	93.8	93.9	93.9	93.9	93.9	94.0	94.0
≥800	83.1	90.3	92.4	93.5	94.2	94.3	94.8	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.5	95.5
≥700	83.1	90.6	92.7	94.1	95.3	95.7	96.2	96.5	96.5	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥600	83.1	90.6	92.7	94.3	96.1	96.6	97.2	97.4	97.4	98.0	98.1	98.1	98.1	98.1	98.2	98.2
≥500	83.1	90.9	93.3	95.2	97.2	97.6	98.3	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥400	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.6	99.6	99.6	99.7	99.8	99.8
≥300	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.9	99.9
≥200	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥100	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0
≥0	83.1	90.9	93.3	95.2	97.2	97.6	98.4	98.9	98.9	99.5	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILV AAF OK

67-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	57.7	58.6	58.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 2000	64.6	65.5	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1800	64.8	65.7	65.9	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1600	65.1	65.9	66.1	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1400	65.6	66.5	66.7	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1200	66.2	67.2	67.5	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1000	67.8	69.1	69.4	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0
≥ 800	69.5	70.8	71.0	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6
≥ 600	71.0	72.4	72.6	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2
≥ 400	72.0	73.5	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4
≥ 200	73.5	75.3	75.5	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1
≥ 100	74.9	76.9	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7
≥ 50	75.6	77.6	77.8	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
≥ 25	77.1	79.4	79.7	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
≥ 15	77.5	80.0	80.3	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1
≥ 10	78.8	81.5	81.9	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7
≥ 5	81.0	83.3	83.6	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4
≥ 3	83.2	86.5	87.0	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1
≥ 2	84.2	87.7	88.5	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.5	90.0	90.0	90.0	90.0	90.0
≥ 1	85.6	89.5	90.6	91.2	91.7	91.8	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
≥ 1/2	85.9	90.2	91.6	92.3	93.1	93.2	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9
≥ 1/4	86.3	90.6	92.2	93.0	94.0	94.1	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7
≥ 1/8	86.5	90.8	92.6	93.5	94.9	95.1	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8
≥ 1/16	86.6	91.1	93.1	94.1	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3
≥ 1/32	86.6	91.1	93.2	94.3	95.8	95.9	96.5	96.6	96.6	96.6	96.6	96.9	96.9	96.9	97.0	97.0
≥ 1/64	86.7	91.2	93.3	94.7	96.3	96.7	97.3	97.4	97.4	97.4	97.4	97.8	97.8	97.8	98.0	98.0
≥ 1/128	86.7	91.2	93.3	94.7	96.3	96.7	97.3	97.4	97.4	97.4	97.4	97.8	97.8	97.8	98.1	98.2
≥ 1/256	86.7	91.2	93.4	95.1	96.8	97.2	98.0	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.4	99.4
≥ 1/512	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.6	98.8	99.0	99.5	99.5	99.5	99.6	99.7	99.9
≥ 1/1024	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.7	98.9	99.1	99.6	99.6	99.6	99.7	99.8	100.0
≥ 1/2048	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.7	98.9	99.1	99.6	99.6	99.6	99.7	99.8	100.0
≥ 1/4096	86.7	91.3	93.5	95.2	96.9	97.4	98.2	98.7	98.9	99.1	99.6	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1494 FT SILL AAF OK

07-70,73-78

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2600

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	>1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	>0
NO CEILING (≥2500)	59.6	60.1	60.9	61.5	61.7	62.0	62.2	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5
≥ 800	64.8	65.8	66.6	67.3	67.5	67.8	68.0	68.0	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 600	65.1	66.0	66.8	67.5	67.7	68.1	68.2	68.2	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5
≥ 400	65.6	66.6	67.3	68.1	68.3	68.6	68.7	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0
≥ 300	66.1	67.2	68.0	68.7	68.9	69.2	69.4	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7
≥ 200	67.4	68.5	69.2	70.0	70.2	70.5	70.6	70.6	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0
≥ 100	68.9	70.0	70.8	71.5	71.7	72.0	72.2	72.2	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5
≥ 80	70.0	71.1	71.8	72.6	72.8	73.1	73.2	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5
≥ 60	70.6	71.9	72.7	73.4	73.7	74.0	74.1	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4
≥ 40	72.2	73.4	74.3	75.1	75.2	75.6	75.7	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 30	73.4	74.7	75.7	76.5	76.7	77.1	77.2	77.2	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5
≥ 20	74.7	76.0	77.0	77.7	78.0	78.4	78.5	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 15	76.0	77.3	78.3	79.0	79.2	79.7	79.8	79.8	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10	77.3	78.6	79.8	80.8	81.0	81.4	81.5	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8	78.3	79.9	81.0	81.9	82.2	82.6	82.7	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6	79.6	81.5	82.7	83.8	84.1	84.5	84.6	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4	81.2	83.4	84.6	85.8	86.1	86.6	86.7	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3	82.5	84.9	86.2	87.5	87.8	88.3	88.4	88.4	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2	82.9	85.8	87.2	88.5	88.8	89.2	89.4	89.4	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1	84.3	87.6	89.0	90.4	90.9	91.4	91.6	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1/2	84.6	88.3	89.9	91.4	91.9	92.5	92.7	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1/4	84.8	88.5	90.3	91.9	92.7	93.2	93.4	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1/8	85.3	89.0	90.9	92.7	93.5	94.1	94.3	94.5	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1/16	85.4	89.8	91.6	93.4	94.4	94.9	95.3	95.7	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1/32	85.4	89.8	91.6	93.5	94.6	95.2	95.5	95.9	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1/64	85.4	89.8	91.8	93.9	95.2	95.8	96.1	96.6	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1/128	85.5	90.1	92.2	94.5	96.2	96.9	97.2	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1/256	85.5	90.1	92.2	94.6	96.3	97.1	97.5	98.2	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1/512	85.5	90.1	92.2	94.7	96.6	97.3	97.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1/1024	85.5	90.1	92.2	94.7	96.6	97.3	97.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1/2048	85.5	90.1	92.2	94.7	96.6	97.3	97.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING - 20000	64.6	66.3	66.6	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	68.0	69.9	70.1	70.4	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000	68.0	69.9	70.1	70.4	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 14000	68.3	70.2	70.4	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	69.5	71.5	71.7	72.0	72.2	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 10000	71.3	73.3	73.5	73.9	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	71.7	73.8	74.0	74.3	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	72.7	74.7	74.9	75.3	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	74.2	76.2	76.5	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	75.5	77.8	78.1	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	76.1	78.5	78.7	79.0	79.1	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	76.9	79.2	79.6	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	78.5	80.9	81.2	81.6	81.7	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	79.7	82.0	82.4	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	80.1	82.7	83.1	83.5	83.7	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	82.5	85.4	85.8	86.5	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	83.5	86.6	87.0	87.6	87.7	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	84.1	87.4	87.8	88.5	88.6	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	85.6	89.5	89.9	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	86.5	90.8	91.3	92.0	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	87.0	91.4	92.3	93.0	93.2	93.3	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	87.2	91.7	92.7	93.4	93.8	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	87.5	92.2	93.1	93.9	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	87.5	92.3	93.3	94.1	94.4	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	87.5	92.4	93.5	94.6	95.1	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	87.6	92.6	94.1	95.7	96.3	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	87.6	92.6	94.2	95.9	96.8	97.1	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.0	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 200	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8
≥ 100	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0
≥ 0	87.6	92.6	94.2	96.0	96.9	97.4	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

7-70, 73-73

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO. CEILING ≥ 2000	57.3	58.9	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1800	61.9	63.6	64.1	64.4	64.5	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 1600	61.9	63.7	64.2	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8
≥ 1400	62.0	63.8	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9
≥ 1200	62.5	64.3	64.8	65.1	65.2	65.3	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4
≥ 1000	63.3	65.1	65.7	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3
≥ 900	65.3	67.3	67.8	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 800	66.0	68.0	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 700	57.5	69.6	70.2	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9
≥ 600	68.6	70.8	71.4	71.7	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 500	70.0	72.3	73.0	73.3	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 450	71.3	73.8	74.5	74.9	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 400	72.2	74.8	75.5	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4
≥ 350	73.4	76.1	76.9	77.3	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 300	74.0	76.8	77.6	78.1	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 250	74.9	77.9	78.7	79.2	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8
≥ 200	76.5	79.7	80.6	81.1	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 1800	78.6	82.1	83.0	83.6	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3
≥ 1600	79.2	83.0	84.0	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1400	80.9	85.1	86.4	87.1	87.5	87.7	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	81.8	86.5	87.9	88.7	89.3	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	82.4	87.6	89.4	90.3	90.9	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 900	82.8	88.2	90.1	91.1	91.9	92.0	92.3	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	83.1	89.1	91.2	92.3	93.1	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 700	83.3	89.5	91.7	93.0	93.9	94.2	94.5	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 600	83.3	89.7	91.7	93.4	94.6	94.9	95.2	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8
≥ 500	83.5	90.0	92.4	94.2	95.7	96.0	96.4	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.1
≥ 400	83.5	90.0	92.6	94.5	96.2	96.7	97.2	97.6	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3
≥ 300	83.5	90.1	92.6	94.6	96.3	96.9	97.5	98.1	98.3	98.6	98.8	98.8	98.9	98.9	99.0	99.0
≥ 200	83.5	90.1	92.6	94.6	96.3	97.0	97.6	98.2	98.5	98.8	98.8	99.1	99.1	99.3	99.4	99.6
≥ 100	83.5	90.1	92.6	94.6	96.3	97.0	97.6	98.2	98.5	98.8	99.2	99.2	99.4	99.6	99.8	99.9
≥ 0	83.5	90.1	92.6	94.6	96.3	97.0	97.6	98.2	98.5	98.8	99.2	99.2	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	62.6	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	65.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	65.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	65.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	65.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	67.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	67.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	69.6	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000	70.4	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	72.3	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	74.7	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	76.0	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	78.0	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	79.2	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	79.8	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	80.8	86.7	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	82.8	88.9	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1600	83.2	89.3	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1400	83.9	90.4	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	85.4	92.2	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	86.1	93.4	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	86.2	93.7	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	86.6	94.3	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	86.7	94.7	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	86.7	94.9	95.4	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	87.3	96.0	96.6	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	87.7	96.3	96.9	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	87.7	96.3	96.9	97.6	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	87.7	96.3	96.9	97.6	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	87.7	96.3	96.9	97.6	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	87.7	96.3	96.9	97.6	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	60.2	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 2000	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1800	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1600	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1400	63.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1200	64.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 1000	66.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 900	66.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 800	67.4	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 700	67.9	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 600	69.2	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 500	70.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 400	71.8	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 300	73.9	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 250	75.1	80.3	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 200	76.0	81.3	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 150	77.1	82.6	82.8	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 100	78.4	84.2	84.6	84.7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 50	79.0	84.9	85.2	85.3	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 0	80.9	87.2	87.7	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	82.1	89.4	90.0	90.1	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	83.0	91.2	92.0	92.1	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 900	83.4	92.1	92.9	93.0	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 800	83.6	92.7	93.4	93.6	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 700	84.2	93.3	94.2	94.3	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 600	84.6	93.7	94.7	94.8	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 500	84.9	94.4	95.7	95.9	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1
≥ 400	85.0	94.8	96.0	96.3	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.6
≥ 300	85.0	94.9	96.2	96.6	97.3	97.4	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3
≥ 200	85.0	94.9	96.2	96.6	97.3	97.4	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3
≥ 100	85.0	94.9	96.2	96.6	97.3	97.4	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3
≥ 0	85.0	94.9	96.2	96.6	97.3	97.4	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
≥ 20000	50.4	54.0	55.3	56.3	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	54.4	59.0	60.4	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	54.4	59.1	60.6	61.8	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	54.4	59.2	60.7	61.9	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	55.1	60.0	61.4	62.7	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	55.8	60.7	62.2	63.4	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	58.0	63.2	64.8	66.1	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	58.1	63.3	64.9	66.2	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	60.1	65.4	67.0	68.3	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	60.6	66.2	67.8	69.3	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	61.9	67.7	69.3	70.9	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	64.1	70.1	71.8	73.4	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	65.4	71.6	73.2	75.1	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	66.3	72.7	74.4	76.3	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	66.7	73.2	75.0	76.9	77.7	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	67.4	74.0	75.8	77.8	78.6	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	68.1	75.1	77.1	79.2	80.0	80.2	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	70.3	77.9	80.0	82.1	82.9	83.1	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1500	71.1	79.0	81.1	83.2	84.1	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	72.7	81.2	83.4	85.6	86.7	86.9	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	73.3	82.3	84.9	87.1	88.3	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	74.2	84.1	86.8	89.1	90.3	90.6	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	74.6	84.7	87.6	90.0	91.2	91.4	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	74.8	85.2	88.3	90.8	92.1	92.3	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	74.9	85.8	89.0	91.7	93.1	93.3	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	74.9	86.0	89.7	92.7	94.7	95.0	95.4	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 400	75.0	86.1	89.9	93.2	95.8	96.1	96.6	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 300	75.0	86.3	90.3	94.1	96.8	97.2	97.7	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 200	75.0	86.3	90.3	94.1	96.8	97.2	97.8	98.3	98.4	98.9	98.9	99.2	99.3	99.3	99.3	99.3
≥ 100	75.0	86.3	90.3	94.1	96.8	97.2	97.8	98.3	98.4	99.0	99.1	99.4	99.8	99.8	99.8	99.8
≥ 0	75.0	86.3	90.3	94.1	96.8	97.2	97.8	98.3	98.4	99.0	99.1	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	54.0	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	58.9	60.6	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	59.1	60.8	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	59.3	61.0	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	59.6	61.2	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	60.7	62.4	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	63.0	64.9	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	63.0	65.0	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	64.9	67.0	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	66.4	68.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	67.7	70.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	68.9	71.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	69.6	72.7	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	70.1	73.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	70.9	74.6	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	71.8	75.6	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	73.7	78.6	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	77.0	82.4	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	77.6	83.3	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	79.1	86.1	88.3	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	80.6	88.1	90.3	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	81.7	90.1	92.6	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	82.2	91.1	93.9	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	82.7	92.1	95.1	95.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	82.7	92.2	95.3	95.3	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	82.7	92.3	95.4	95.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	82.7	92.6	95.8	95.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	82.7	92.6	96.0	96.0	97.0	98.7	98.8	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	82.7	92.6	96.0	97.0	98.7	98.8	99.0	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	82.7	92.6	96.0	97.0	98.7	98.8	99.0	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.7	92.6	96.0	97.0	98.7	98.8	99.0	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥	82.7	92.6	96.0	97.0	98.7	98.8	99.0	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13946

FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 3	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	63.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	63.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	63.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	67.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	70.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	71.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	72.9	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	73.7	75.5	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	75.3	77.2	78.0	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	78.4	80.3	81.1	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	80.9	83.0	83.8	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	83.0	85.3	86.1	86.2	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	85.1	88.8	89.5	89.7	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	85.7	89.5	90.3	90.4	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	87.3	92.0	92.8	92.9	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	88.3	93.5	94.3	94.5	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	89.0	95.1	95.9	96.4	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	89.2	95.6	96.4	97.0	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	89.3	96.1	97.1	97.7	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	89.3	96.2	97.2	97.9	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	89.3	96.3	97.3	98.2	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	89.3	96.3	97.3	98.3	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	89.3	96.3	97.3	98.4	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.3	96.3	97.3	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13945 F3 SILL AAF OK

67-70,73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	56.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000 ≥ 15000	64.2	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000 ≥ 12000	64.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000 ≥ 9000	64.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000 ≥ 7000	66.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000 ≥ 5000	69.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500 ≥ 4000	70.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500 ≥ 3000	72.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2500 ≥ 2000	74.3	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1800 ≥ 1500	75.4	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1200 ≥ 1000	77.3	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 900 ≥ 800	78.6	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 700 ≥ 600	81.7	83.2	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 500 ≥ 400	83.4	85.3	85.6	85.6	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 300 ≥ 200	86.0	88.2	88.4	88.6	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 100 ≥ 0	87.3	90.0	90.2	90.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 0	89.3	92.2	92.6	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 0	89.7	92.6	92.9	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 0	90.6	94.1	94.4	94.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 0	90.9	94.8	95.4	95.0	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 0	91.3	95.3	96.3	96.7	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0	91.3	95.3	96.3	96.8	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	91.4	95.7	96.9	97.6	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	91.4	95.7	97.1	97.8	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	91.6	95.9	97.3	98.1	98.4	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	91.6	95.9	97.3	98.1	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.6	96.0	97.4	98.2	98.7	98.7	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 000

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBLE IN STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING ≥ 20000	59.9	62.0	62.0	62.2	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000 ≥ 16000	67.8	70.1	70.1	70.3	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000 ≥ 12000	67.9	70.2	70.2	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000 ≥ 9000	68.2	70.6	70.6	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000 ≥ 7000	69.6	72.0	72.0	72.2	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000 ≥ 5000	71.4	73.9	73.9	74.1	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000 ≥ 3000	71.9	74.3	74.3	74.6	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2000 ≥ 1000	74.0	76.4	76.4	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 800 ≥ 600	75.1	77.7	77.7	77.9	78.2	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 400 ≥ 300	76.3	79.0	79.0	79.3	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 200 ≥ 100	79.0	81.8	81.8	82.1	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 80 ≥ 60	80.3	83.3	83.3	83.7	84.2	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 40 ≥ 30	81.8	84.9	84.9	85.2	85.9	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20 ≥ 10	83.2	86.4	86.4	86.7	87.0	87.6	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8 ≥ 6	84.1	87.6	87.6	88.2	88.9	89.0	89.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4 ≥ 3	85.2	89.3	89.3	90.0	90.7	90.8	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2 ≥ 1	86.9	91.8	92.0	92.6	93.2	93.3	93.3	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 0.8 ≥ 0.6	87.0	91.9	92.3	92.9	93.6	93.7	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 0.4 ≥ 0.3	87.9	93.7	94.3	94.9	95.0	95.7	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 0.2 ≥ 0.1	88.2	94.0	94.8	95.3	96.1	96.2	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 0.1 ≥ 0.05	88.3	94.4	95.3	95.9	96.7	96.8	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0.05 ≥ 0.02	88.4	94.7	95.6	96.4	97.2	97.3	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0.01 ≥ 0.005	88.4	94.8	95.7	96.6	97.3	97.4	97.4	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0.005 ≥ 0.002	88.6	95.0	96.0	96.9	97.0	97.9	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0.002 ≥ 0.001	88.7	95.4	96.6	97.4	98.3	98.4	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0.001 ≥ 0.0005	88.7	95.4	96.6	97.4	98.3	98.8	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0.0005 ≥ 0.0002	88.7	95.4	96.6	97.6	98.4	98.9	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.0002 ≥ 0.0001	88.7	95.4	96.7	97.7	98.7	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.0001 ≥ 0.00005	88.7	95.4	96.7	97.7	98.7	99.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0.00005 ≥ 0.00002	88.7	95.4	96.7	97.7	98.7	99.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0.00002 ≥ 0.00001	88.7	95.4	96.7	97.7	98.7	99.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 20	≥ 25	≥ 24	≥ 23	≥ 22	≥ 21	≥ 20	≥ 19	≥ 18	≥ 17	≥ 16	≥ 15	≥ 14	≥ 13	≥ 12
NO CEILING - 20000	63.1	64.8	65.2	65.4	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	66.2	70.3	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	68.2	72.3	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	68.2	70.3	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	68.6	70.7	71.1	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	70.6	72.7	73.1	73.3	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	70.7	72.8	73.2	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	73.0	75.2	75.7	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	75.0	77.4	77.9	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000	77.1	79.6	80.0	80.3	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1000	78.7	81.4	81.9	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 500	80.3	83.2	83.8	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 200	81.2	84.6	85.1	85.4	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 100	81.9	85.4	86.1	86.7	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 50	83.0	86.8	87.4	88.0	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 20	84.2	88.2	89.0	89.6	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10	85.6	89.8	90.6	91.1	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5	85.8	90.2	91.0	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2	86.8	92.0	92.8	93.3	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1	87.6	93.3	94.1	94.7	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 0.5	88.9	95.0	95.8	96.3	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0.2	89.2	95.4	96.2	96.8	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0.1	89.3	95.9	96.8	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0.05	89.4	96.2	97.1	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0.02	89.8	96.6	97.6	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0.01	89.8	96.8	97.8	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0.005	89.8	96.8	97.8	98.3	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0.002	89.8	97.0	98.1	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.001	89.8	97.0	98.1	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.0005	89.8	97.0	98.1	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13845 FT SILL AAF OK

67-70-73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATISTICS															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.7	59.7	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	63.3	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	63.3	65.7	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	63.4	65.8	66.2	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	63.6	66.1	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	64.7	67.1	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	66.8	69.4	69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	67.0	69.6	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	68.9	71.6	72.0	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	70.0	72.9	73.3	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	71.3	74.4	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	73.3	76.6	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	74.5	77.9	78.3	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	76.0	79.8	80.4	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	77.4	81.3	82.0	82.4	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	78.6	82.8	83.5	83.9	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	79.9	84.5	85.3	85.7	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	81.9	87.0	87.9	88.4	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	82.4	87.6	88.5	89.0	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	83.6	89.6	90.6	91.1	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	84.6	91.0	92.0	92.7	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	85.3	92.3	93.6	94.3	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	85.6	92.8	94.1	94.9	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	85.8	93.3	94.8	95.6	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	85.9	93.6	95.2	96.0	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	86.0	93.9	95.5	96.5	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 500	86.2	94.2	95.9	96.9	97.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	86.2	94.3	96.0	97.2	98.2	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 100	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9
≥ 0	86.2	94.4	96.1	97.3	98.4	98.6	98.9	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	60.6	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 18000 ≥ 16000	66.1	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
≥ 14000 ≥ 12000	66.1	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
≥ 10000 ≥ 9000	66.6	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 8000 ≥ 7000	68.0	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 6000 ≥ 5000	69.6	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
≥ 4500 ≥ 4000	69.7	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 3500 ≥ 3000	72.6	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 2500 ≥ 2000	73.3	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 1800 ≥ 1500	74.4	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 1200 ≥ 1000	76.3	78.9	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 900 ≥ 800	79.9	82.9	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7
≥ 700 ≥ 600	83.0	86.5	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 500 ≥ 400	83.7	87.3	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 300 ≥ 200	84.0	87.7	88.2	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 180 ≥ 150	84.9	88.7	89.2	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 120 ≥ 100	85.3	89.2	90.1	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 90 ≥ 80	85.5	89.5	90.3	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 70 ≥ 60	86.5	90.8	91.6	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 50 ≥ 40	87.7	92.4	93.3	93.3	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 30 ≥ 20	88.5	93.2	94.2	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 18 ≥ 15	88.8	93.7	94.6	94.6	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 12 ≥ 10	89.1	94.9	95.9	96.0	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 9 ≥ 8	89.1	95.1	96.1	96.2	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 7 ≥ 6	89.5	95.5	96.8	96.9	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 5 ≥ 4	89.7	95.9	97.2	97.3	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 3 ≥ 2	89.9	96.2	97.6	97.7	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1 ≥ 0	89.9	96.3	97.8	98.0	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 0	89.9	96.3	97.8	98.0	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	52.0	55.3	56.2	56.6	56.9	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.7
≥ 20000	56.6	59.2	60.2	60.5	60.9	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.7
≥ 18000	56.6	59.2	60.2	60.5	60.9	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.7
≥ 16000	56.6	59.2	60.2	60.5	60.9	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.7
≥ 4000	56.7	59.4	60.3	60.6	61.0	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.8
≥ 12000	57.6	60.4	61.4	61.7	62.0	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.9
≥ 10000	60.3	63.2	64.3	64.6	64.9	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.8
≥ 9000	61.5	64.4	65.5	65.8	66.1	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.9	67.0
≥ 8000	63.4	66.3	67.4	67.7	68.1	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.9
≥ 7000	64.6	67.5	68.6	68.9	69.2	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.1
≥ 6000	65.6	68.7	70.0	70.3	70.6	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.5	71.6
≥ 5000	67.6	70.9	72.2	72.5	72.9	73.4	73.4	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.8	73.9
≥ 4500	70.1	73.8	75.1	75.6	76.0	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.1
≥ 4000	71.9	76.0	77.5	78.1	78.6	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.7
≥ 3500	73.2	77.4	78.9	79.5	80.0	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.1
≥ 3000	74.4	78.8	80.3	80.9	81.4	81.9	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.5
≥ 2500	76.0	80.6	82.2	82.7	83.2	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.5
≥ 2000	77.2	82.0	83.5	84.1	84.6	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.9
≥ 1800	77.6	82.5	84.0	84.5	85.1	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.3
≥ 1500	79.0	84.5	86.0	86.6	87.1	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.4
≥ 1200	80.5	86.6	88.3	88.8	89.4	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.6
≥ 1000	81.6	88.4	90.4	91.0	91.5	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.8
≥ 900	82.4	89.4	91.5	92.0	92.6	93.4	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	94.0
≥ 800	82.7	90.3	92.6	93.2	93.8	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	95.2
≥ 700	82.8	90.5	93.0	93.8	94.4	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.8
≥ 600	82.8	90.9	93.4	94.3	94.9	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.6
≥ 500	82.8	90.9	93.5	94.4	95.3	96.3	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	97.0
≥ 450	82.9	91.2	94.0	95.2	96.1	97.7	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.5
≥ 300	82.9	91.3	94.3	95.5	96.8	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.4
≥ 200	82.9	91.3	94.4	95.6	97.1	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.8
≥ 100	82.9	91.3	94.4	95.6	97.1	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 0	82.9	91.3	94.4	95.6	97.1	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING ≥ 21000	42.6	48.1	50.0	50.8	51.1	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.9	52.0	52.3	52.8
≥ 18000	48.2	53.9	55.9	56.7	57.1	57.5	57.8	57.8	57.8	58.0	58.0	58.0	58.1	58.2	58.4	58.9
≥ 16000	48.3	54.0	56.0	56.8	57.2	57.6	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.3	58.5	59.0
≥ 14000	48.3	54.0	56.0	56.8	57.2	57.6	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.3	58.5	59.0
≥ 12000	48.4	54.1	56.1	56.9	57.3	57.7	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.4	58.6	59.1
≥ 10000	49.2	54.9	57.0	57.7	58.2	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.1	59.2	59.5	60.0
≥ 9000	51.0	56.9	59.1	60.0	60.4	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.5	61.7	62.3
≥ 8000	51.8	57.7	60.0	60.9	61.3	61.7	62.0	62.0	62.0	62.2	62.2	62.2	62.3	62.4	62.6	63.1
≥ 7000	54.2	60.1	62.4	63.2	63.7	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.7	64.9	65.5
≥ 6000	55.9	62.0	64.4	65.3	65.7	66.1	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.8	67.0	67.5
≥ 5000	57.2	63.4	65.8	66.8	67.2	67.6	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.3	68.5	69.0
≥ 4500	58.5	64.8	67.3	68.4	68.8	69.2	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.9	70.1	70.6
≥ 4000	59.4	66.0	68.5	69.6	70.1	70.5	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.4	71.6	72.2
≥ 3500	60.4	67.2	69.7	70.9	71.5	71.9	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.9	73.1	73.7
≥ 3000	61.4	68.4	71.0	72.2	72.8	73.2	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.2	74.4	74.9
≥ 2500	61.5	68.5	71.2	72.4	73.0	73.4	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.4	74.6	75.2
≥ 2000	63.0	71.0	73.9	75.3	76.1	76.6	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.5	77.7	78.3
≥ 1800	65.2	73.2	76.3	77.7	78.7	79.1	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.2	80.4	81.0
≥ 1500	65.4	73.5	76.9	78.3	79.2	79.7	80.2	80.4	80.4	80.5	80.5	80.5	80.6	80.8	81.0	81.5
≥ 1200	66.8	75.8	79.7	81.1	82.3	82.7	83.3	83.5	83.5	83.7	83.7	83.7	83.8	83.9	84.1	84.6
≥ 1000	68.2	78.0	82.3	83.7	84.8	85.4	86.0	86.3	86.3	86.5	86.5	86.5	86.6	86.7	87.0	87.5
≥ 900	69.4	80.1	84.4	85.8	87.2	87.7	88.6	88.9	88.9	89.0	89.0	89.0	89.1	89.2	89.6	90.1
≥ 800	69.5	80.3	84.7	86.2	87.6	88.2	89.0	89.4	89.4	89.5	89.5	89.5	89.6	89.7	90.0	90.5
≥ 700	69.7	81.4	86.0	87.5	88.9	89.6	90.4	90.9	90.9	91.0	91.0	91.0	91.1	91.2	91.5	92.0
≥ 600	69.7	81.8	86.6	88.6	90.1	90.9	91.7	92.2	92.2	92.3	92.3	92.3	92.4	92.5	92.8	93.3
≥ 500	69.8	82.2	87.1	89.2	90.8	91.5	92.5	93.0	93.0	93.1	93.1	93.1	93.2	93.3	93.7	94.2
≥ 400	69.9	82.4	87.8	90.2	92.4	93.1	94.3	94.9	94.9	95.1	95.1	95.1	95.2	95.3	95.6	96.1
≥ 300	70.0	82.7	88.5	91.1	93.3	94.3	96.2	97.0	97.1	97.4	97.4	97.4	97.5	97.6	98.0	98.5
≥ 200	70.0	82.8	88.6	91.2	93.4	94.4	96.6	97.5	97.6	98.2	98.3	98.3	98.4	98.5	98.8	99.4
≥ 100	70.0	82.8	88.6	91.2	93.4	94.5	96.7	97.6	97.7	98.3	98.5	98.5	98.6	98.8	99.1	99.9
≥ 0	70.0	82.8	88.6	91.2	93.4	94.5	96.7	97.6	97.7	98.3	98.5	98.5	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000	49.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000	55.6	58.1	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	55.7	58.2	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	56.3	58.8	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	58.8	61.3	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	60.9	63.4	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	61.5	64.1	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	63.3	66.0	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000	64.6	67.3	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	66.0	68.7	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	67.1	70.0	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4500	67.6	70.5	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	68.7	72.0	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	69.9	73.2	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3000	71.0	74.6	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	74.6	78.7	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	77.1	81.5	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	77.8	82.7	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	81.0	86.9	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	82.9	89.6	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	83.3	91.5	93.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	83.3	91.8	93.4	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	83.5	92.6	94.3	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	83.5	93.1	95.2	96.2	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	83.5	93.3	95.8	97.0	97.5	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	83.5	93.4	96.0	97.2	97.8	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	83.7	93.7	96.2	97.5	98.2	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 100	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 0	83.7	93.7	96.2	97.6	98.3	98.7	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	58.0	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 18000	64.2	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 16000	64.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000	65.1	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 12000	67.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 10000	69.0	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 9000	69.9	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 8000	72.0	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 7000	72.6	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 6000	73.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000	73.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4500	74.6	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4000	76.0	78.8	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 3500	78.0	80.9	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 3000	81.7	84.9	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2500	84.1	87.6	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	86.8	90.6	90.9	91.0	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	87.1	91.2	91.4	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	89.0	93.9	94.4	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	90.2	95.7	96.5	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	90.3	96.6	97.4	97.6	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	90.8	97.3	98.3	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	90.8	97.3	98.3	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	90.9	97.5	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	90.9	97.7	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.9	97.7	98.9	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	72.4	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	72.4	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	75.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	76.7	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	78.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	79.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	80.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	82.8	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	84.5	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	86.5	89.7	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	87.1	90.6	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 3000	87.8	91.5	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 2500	88.2	92.0	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 2000	88.6	92.7	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1800	88.7	92.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1500	89.5	93.5	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1200	90.0	94.2	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 1000	91.0	95.4	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 900	91.1	95.6	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	91.3	95.8	97.0	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 700	91.3	96.2	97.4	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 600	91.3	96.3	97.5	98.2	98.5	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	91.3	96.6	97.7	98.5	98.8	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	91.5	96.9	98.1	98.8	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 300	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 200	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	91.5	97.0	98.2	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	56.8	58.8	59.2	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
IV 18000	63.3	65.4	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
IV 16000	63.4	65.5	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6
IV 14000	63.5	65.6	66.0	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.7
IV 12000	63.9	66.0	66.4	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.1
IV 10000	65.3	67.4	67.9	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.6
IV 9000	67.3	69.5	70.0	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7
IV 8000	68.0	70.3	70.8	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5
IV 7000	70.0	72.3	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.6
IV 6000	71.0	73.4	73.9	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.7
IV 5000	72.0	74.5	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9
IV 4500	73.6	76.5	77.1	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.9
IV 4000	75.3	78.4	79.1	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0
IV 3500	76.9	80.5	81.3	81.6	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.3
IV 3000	78.2	81.9	82.8	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.8
IV 2500	79.6	83.5	84.4	84.7	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.5
IV 2000	81.2	85.5	86.4	86.8	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7
IV 1800	82.5	87.0	88.0	88.5	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.5
IV 1500	82.8	87.4	88.6	89.1	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.1
IV 1200	84.2	89.4	90.7	91.3	91.7	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.3
IV 1000	85.3	90.9	92.4	93.0	93.4	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.1
IV 900	85.9	92.2	93.7	94.4	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.5
IV 800	86.2	92.6	94.3	94.9	95.4	95.6	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1
IV 700	86.4	93.3	94.9	95.6	96.1	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	97.0
IV 600	86.4	93.5	95.3	96.0	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.5
IV 500	86.5	93.7	95.6	96.5	97.0	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.1
IV 400	86.5	93.9	95.9	96.8	97.5	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.7
IV 300	86.6	94.0	96.2	97.1	97.9	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.4
IV 200	86.6	94.1	96.3	97.2	98.0	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8
IV 100	86.6	94.1	96.3	97.2	98.1	98.6	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
IV 0	86.6	94.1	96.3	97.2	98.1	98.6	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC

FORM 84

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70,73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	76.3	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	82.7	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	82.7	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	83.0	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	83.4	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 10000	85.2	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	87.7	89.0	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	88.0	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	88.6	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	89.7	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	90.9	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	93.2	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	93.8	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	94.2	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	94.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	94.8	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	94.9	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	94.9	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	94.9	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	95.6	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	95.6	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	96.0	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.0	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.0	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.0	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.2	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 STATION FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	70.3	72.9	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 18000	75.9	78.6	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 16000	75.9	78.6	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 14000	76.4	79.1	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 12000	76.8	79.6	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 10000	79.3	82.1	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 9000	79.3	82.1	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 8000	81.0	83.9	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 7000	81.8	85.1	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	82.8	86.2	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 5000	83.8	87.3	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 4500	84.7	88.3	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4000	86.2	90.2	91.3	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	86.6	90.6	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	87.2	91.3	92.6	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	88.4	92.6	93.8	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	89.4	93.6	94.8	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	89.8	93.9	95.1	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	90.8	94.9	96.1	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1200	91.2	95.3	96.6	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	91.8	95.9	97.1	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	92.2	96.3	97.6	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	92.2	96.3	97.6	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	92.2	96.4	97.7	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	92.4	96.8	98.0	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	92.6	97.2	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	92.7	97.4	98.8	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	92.7	97.4	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.7	97.4	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	92.7	97.4	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	92.7	97.4	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING ≥ 20000	55.3	59.3	60.8	61.2	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000 ≥ 16000	60.9	65.4	67.0	67.7	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000 ≥ 12000	60.9	65.4	67.0	67.7	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000 ≥ 9000	61.7	66.2	67.8	68.4	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000 ≥ 7000	63.3	67.9	69.6	70.2	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000 ≥ 5000	66.9	71.8	73.6	74.4	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500 ≥ 4000	67.2	72.1	73.9	74.8	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500 ≥ 3000	70.1	75.0	76.8	77.7	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500 ≥ 2000	70.6	75.6	77.3	78.2	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800 ≥ 1500	71.9	76.9	78.7	79.6	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1200 ≥ 1000	73.3	78.4	80.3	81.3	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 900 ≥ 800	73.8	79.0	80.9	81.9	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 700 ≥ 600	74.7	79.9	81.8	82.9	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 500 ≥ 400	75.2	80.4	82.3	83.4	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 300 ≥ 200	75.7	80.9	82.8	83.9	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 100 0	76.3	81.8	83.7	84.8	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	77.9	83.6	85.4	86.7	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
	78.6	84.3	86.2	87.4	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	80.8	87.2	89.1	90.3	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	81.3	88.2	90.2	91.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	82.4	89.8	92.1	93.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	82.9	90.6	93.0	94.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	83.4	91.1	93.6	95.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	83.6	91.7	94.4	95.9	97.2	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	83.6	91.7	94.6	96.3	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	83.6	91.7	94.6	96.6	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	83.6	91.8	95.0	97.2	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	83.6	91.8	95.0	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70,73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	61.7	62.8	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	68.3	69.4	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	68.3	69.4	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	68.4	69.6	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	69.4	70.6	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	73.0	74.8	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	73.4	75.2	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	75.4	77.2	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	76.0	77.8	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	77.3	79.2	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	78.0	79.9	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	78.3	80.2	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	79.3	81.2	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	79.8	81.8	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	81.2	83.2	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	83.2	85.3	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	86.1	88.3	89.2	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	88.3	90.6	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	90.6	93.4	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	91.8	95.1	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	92.3	96.2	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	92.6	96.4	97.9	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	92.7	96.7	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	92.7	96.7	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	92.7	96.7	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	92.7	96.8	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	92.7	97.0	98.7	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1945 FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	96.8	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	98.1	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR LEATHER SERVICE/SAC

CEILING VERSUS VISIBILITY

1945 FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
NO CEILING ≥ 20000	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 15000	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	95.2	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	96.1	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	97.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	97.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	97.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	98.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	75.1	75.4	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 20000	86.3	86.7	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	86.4	86.8	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 16000	86.4	86.8	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 14000	86.6	86.9	87.0	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	87.6	87.9	88.0	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	90.0	90.3	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	90.7	91.0	91.2	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	92.0	92.3	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	93.1	93.4	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	93.8	94.0	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	93.9	94.3	94.7	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	94.8	95.2	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	96.1	96.8	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	96.6	97.2	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	97.0	97.7	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	97.2	97.9	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	97.3	98.0	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	97.3	98.0	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	97.7	98.3	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	97.8	98.4	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.0	98.8	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.0	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.0	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.0	99.0	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	85.1	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 18000	85.2	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 16000	85.2	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 14000	85.9	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 12000	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	89.2	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	89.4	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	90.8	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	91.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	92.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	93.4	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.1	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	95.3	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	95.7	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	96.0	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	96.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	97.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	97.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	97.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.7	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (O. A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	69.3	70.6	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	76.6	78.1	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 16000	76.7	78.1	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	77.2	78.6	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	78.2	79.6	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	81.1	82.7	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 9000	81.5	83.1	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	83.4	85.0	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	84.0	85.7	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	84.8	86.6	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	85.7	87.6	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	86.6	88.5	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	88.4	90.4	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	89.1	91.2	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	90.1	92.2	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	91.1	93.3	94.0	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	92.1	94.4	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	92.6	94.9	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	93.5	95.9	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	93.9	96.5	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	94.3	97.1	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	94.5	97.3	98.1	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	94.7	97.5	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	94.7	97.7	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	94.7	97.7	98.6	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.8	97.8	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	94.8	97.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.8	97.9	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	94.8	97.9	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	94.8	97.9	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	94.8	97.9	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥0
NO CEILING ≥ 20000	81.0	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 18000	84.3	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 16000	84.3	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 14000	84.4	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 12000	84.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 10000	87.8	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 9000	88.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 8000	89.7	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 7000	91.0	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 6000	91.6	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 5000	93.0	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 4500	94.6	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 4000	95.6	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 3500	95.6	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 3000	95.8	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2500	96.1	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000	96.3	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	96.3	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	96.5	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	96.7	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	96.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	96.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	96.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	96.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	96.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	96.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	97.0	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	97.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	74.7	76.7	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	78.9	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	78.9	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	78.9	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	79.1	81.1	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	80.5	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	84.6	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	84.9	87.0	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	86.7	88.9	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	87.4	89.7	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	87.7	90.0	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	89.5	91.7	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	91.0	93.3	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	92.0	94.5	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	92.4	94.8	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	93.0	95.6	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	93.0	95.6	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	93.5	96.2	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	93.7	96.3	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	94.0	96.7	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	94.2	96.9	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	94.5	97.2	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	94.7	97.5	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	94.8	97.7	98.3	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	95.1	98.2	98.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.1	98.2	98.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.2	98.3	98.9	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	98.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	63.4	65.4	66.7	68.1	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	69.2	71.4	72.7	74.1	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	69.2	71.4	72.7	74.1	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	69.6	71.8	73.1	74.5	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	71.5	73.9	75.4	77.0	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	78.2	81.2	82.8	84.4	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	78.6	81.7	83.3	84.9	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	80.8	84.0	85.7	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	81.5	84.7	86.6	88.3	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	81.9	85.2	87.0	88.8	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	82.9	86.1	88.0	89.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	83.8	87.0	88.8	90.6	91.1	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	85.4	88.7	90.5	92.5	92.9	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	85.7	89.0	90.9	92.9	93.3	93.5	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	85.8	89.4	91.2	93.2	93.7	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	85.9	89.6	91.5	93.7	94.1	94.3	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	85.9	89.6	91.6	93.8	94.2	94.4	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	86.1	90.0	92.0	94.2	94.6	94.8	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	86.7	90.9	92.9	95.1	95.6	95.8	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	87.2	91.4	93.4	95.6	96.1	96.3	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	87.6	92.4	94.5	96.9	97.4	97.6	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	87.7	92.6	94.8	97.2	97.7	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	87.7	93.0	95.3	97.6	98.2	98.4	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	87.7	93.2	95.5	97.8	98.4	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	87.8	93.3	95.8	98.2	98.7	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	88.0	93.4	96.0	98.4	99.0	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	88.0	93.4	96.0	98.4	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.0	93.4	96.0	98.4	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.0	93.4	96.0	98.4	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.0	93.4	96.0	98.4	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.0	93.4	96.0	98.4	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	68.0	69.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	73.8	74.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IN 18000	73.8	74.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IN 16000	74.0	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IN 14000	74.5	75.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IN 12000	77.7	78.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IN 10000	84.4	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IN 9000	84.7	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IN 8000	87.0	88.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IN 7000	87.5	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IN 6000	87.7	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IN 5000	88.8	90.9	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IN 4500	88.8	91.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IN 4000	89.7	91.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IN 3500	89.9	92.2	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IN 3000	90.2	92.5	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN 2500	91.1	93.3	94.3	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IN 2000	91.4	93.7	94.6	94.7	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IN 1800	91.6	94.0	94.9	95.1	95.2	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IN 1500	92.4	95.1	96.0	96.1	96.2	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IN 1200	93.0	95.9	96.9	97.0	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IN 1000	93.5	96.6	97.7	98.0	98.1	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 900	93.5	96.6	98.1	98.3	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 800	93.7	96.8	98.4	98.7	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 700	93.7	96.8	98.4	98.9	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 600	93.7	96.8	98.4	98.9	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 500	93.7	96.9	98.5	99.0	99.1	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 400	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 300	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	93.7	96.9	98.5	99.0	99.2	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ 0
NO CEILING	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	87.0	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	92.0	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	93.9	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	95.7	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	96.5	97.2	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	96.5	97.3	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	96.8	97.6	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.1	98.1	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	97.3	98.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	97.3	98.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.3	98.9	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.3	98.9	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.4	99.0	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.4	99.0	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.5	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING ≥ 20000	70.1	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	78.3	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	88.6	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	90.2	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	91.4	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	95.1	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	96.0	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	97.0	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	97.4	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	97.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	97.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	97.8	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.0	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70,73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	74.3 83.5	74.7 84.1	74.7 84.1	74.8 84.2	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4	75.1 84.4
≥ 18000	83.9	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 16000	83.9	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	84.4	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	86.0	86.6	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	89.9	90.4	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	90.1	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	92.4	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	92.8	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	93.2	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	94.6	95.5	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	95.4	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	96.7	97.7	97.7	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	97.0	98.1	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	97.2	98.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	97.2	98.4	98.5	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	97.4	98.7	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	97.5	98.8	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.6	98.9	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	98.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70,73-78
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	80.9	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	85.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 18000	85.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 16000	85.8	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 14000	85.9	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 12000	86.5	87.7	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 10000	90.2	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	90.2	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	91.7	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	92.5	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	93.2	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	94.3	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	94.9	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	95.9	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	96.0	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	96.5	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	96.6	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	97.0	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	97.0	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	97.2	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.3	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	97.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING ≥ 20000	72.7	73.8	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV ≥ 18000	78.8	79.8	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 18000	78.8	79.9	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 16000	78.8	79.9	80.2	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 14000	79.2	80.3	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 12000	81.0	82.1	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 10000	85.7	87.0	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 9000	85.9	87.2	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	87.9	89.3	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 7000	88.6	90.0	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 6000	89.0	90.5	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 5000	90.3	91.9	92.3	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4500	91.2	92.8	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 4000	92.8	94.5	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 3500	93.3	95.1	95.5	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3000	93.9	95.8	96.2	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2500	94.2	96.1	96.6	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000	94.5	96.4	96.9	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 1800	94.6	96.6	97.1	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	94.9	97.0	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	95.1	97.4	97.9	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	95.3	97.6	98.2	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	95.4	97.8	98.4	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	95.4	97.9	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	95.5	98.0	98.6	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	95.5	98.0	98.7	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	95.5	98.1	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.6	98.1	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 10000	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 9000	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	93.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	96.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	96.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	96.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	96.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	97.1	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	97.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.3	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	74.4	77.1	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 20000	77.4	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	77.4	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	77.4	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	77.6	80.6	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	79.2	82.3	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	83.8	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 9000	84.7	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	87.4	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	88.3	91.8	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	89.6	93.1	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	90.5	94.1	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	91.3	94.8	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	92.4	96.2	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	92.7	96.6	97.1	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	92.7	96.8	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	92.8	97.0	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	93.3	97.5	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	93.5	97.8	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	93.7	98.0	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	93.7	98.0	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	93.9	98.2	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	93.9	98.3	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	94.0	98.4	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	94.0	98.4	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	94.1	98.5	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	94.1	98.5	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.1	98.5	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.1	98.5	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.1	98.5	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.1	98.5	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.1	98.5	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	61.5	66.2	68.5	69.5	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 20000	65.7	70.5	72.9	73.9	74.5	74.5	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
≥ 18000	65.7	70.5	72.9	73.9	74.5	74.5	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
≥ 16000	65.7	70.5	72.9	73.9	74.5	74.5	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
≥ 14000	66.1	71.0	73.3	74.3	74.9	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 12000	67.4	72.3	74.6	75.7	76.5	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 10000	72.2	77.6	80.4	81.7	82.6	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 9000	73.0	78.5	81.4	82.7	83.5	83.5	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 8000	75.4	81.3	84.2	85.5	86.3	86.3	86.7	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 7000	76.8	82.8	85.7	87.0	87.8	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 6000	79.0	85.1	88.1	89.4	90.2	90.2	90.5	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 5000	79.6	85.8	88.9	90.2	91.1	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 4500	80.1	86.5	89.6	90.9	91.7	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 4000	80.9	87.3	90.4	91.7	92.6	92.6	93.1	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3500	80.9	87.4	90.6	92.2	93.0	93.0	93.3	93.4	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 3000	81.6	88.2	91.5	93.0	93.9	93.9	94.2	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 2500	81.6	88.6	92.0	93.7	94.5	94.5	94.8	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 2000	82.4	89.4	92.9	94.5	95.4	95.4	95.7	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1800	82.4	89.4	92.9	94.6	95.6	95.6	96.0	96.1	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1500	82.8	89.8	93.3	95.2	96.1	96.1	96.6	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1200	83.3	90.4	94.0	95.8	96.8	96.8	97.2	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1000	83.7	91.0	94.5	96.5	97.4	97.4	97.8	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900	83.7	91.0	94.5	96.5	97.4	97.4	97.8	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	83.8	91.1	94.7	96.7	97.6	97.6	98.1	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 700	83.9	91.4	95.3	97.3	98.3	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	83.9	91.4	95.3	97.3	98.3	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	83.9	91.4	95.3	97.3	98.3	98.3	98.7	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 400	83.9	91.4	95.3	97.3	98.4	98.4	98.8	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	83.9	91.5	95.4	97.5	98.6	98.6	99.0	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF TX

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	67.0	67.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	70.2	73.0	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	70.2	73.0	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	70.2	73.0	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	70.5	73.3	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	72.6	75.5	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	77.8	81.5	82.2	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000	78.2	81.8	82.5	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	80.4	84.1	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	82.0	85.9	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	83.0	87.1	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	84.4	88.6	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	84.6	88.9	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	85.7	90.0	91.0	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	85.9	90.2	91.2	91.5	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	86.6	90.9	91.8	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	87.0	91.6	92.8	93.2	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	88.1	92.8	94.0	94.4	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	88.2	92.9	94.1	94.5	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	89.0	94.1	95.3	95.7	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	89.1	94.7	96.0	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	89.4	95.1	96.7	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	89.4	95.1	96.7	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	89.5	95.5	97.2	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	89.6	95.6	97.6	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	89.6	95.6	97.7	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	89.6	95.6	97.7	98.5	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	89.6	95.6	97.7	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	65.1	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	72.9	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	73.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000	73.0	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 14000	73.9	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	77.3	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 10000	82.7	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 9000	83.0	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	84.4	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 7000	85.4	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	86.8	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	87.8	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4500	89.5	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4000	90.8	92.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3500	92.0	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3000	92.3	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	93.5	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2000	94.7	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	94.7	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	95.4	97.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	95.7	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	95.9	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	95.9	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	96.0	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	96.1	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	96.1	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.1	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	88.0	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	89.0	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	90.0	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	91.0	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	92.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	94.1	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	95.7	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	97.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	97.5	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	97.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 1800	98.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 1500	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1200	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1000	98.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	98.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	98.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	98.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	98.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	98.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 3500	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1 JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 20000	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 16000	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 14000	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 12000	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 8000	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	97.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	≥ 0	≥ 0
NO CEILING	71.4	73.0	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	77.0	78.8	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000	77.0	78.8	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	77.0	78.8	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	77.4	79.1	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 12000	79.7	81.4	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	84.1	86.1	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	84.9	86.9	87.5	87.7	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	87.1	89.2	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 7000	88.1	90.2	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	89.1	91.3	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	90.3	92.6	93.2	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	91.0	93.4	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	92.0	94.6	95.2	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	92.5	95.1	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	92.8	95.4	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	93.1	95.9	96.6	96.9	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	93.7	96.5	97.3	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	93.7	96.6	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	94.0	96.9	97.7	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
≥ 1200	94.2	97.2	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	94.3	97.5	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 900	94.4	97.5	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 800	94.4	97.6	98.6	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 700	94.4	97.7	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 600	94.5	97.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 500	94.5	97.8	98.8	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	94.5	97.8	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	94.5	97.8	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	65.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	70.4	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	70.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	70.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	71.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 12000	72.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	75.2	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	75.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	77.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	78.0	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	80.1	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	82.3	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	83.0	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	84.6	88.8	89.1	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	85.0	89.6	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	85.4	90.2	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	86.2	91.6	92.0	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	86.9	92.3	92.9	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	87.0	92.4	93.1	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	87.4	92.9	93.7	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	88.0	93.4	94.2	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	88.0	93.6	94.3	95.0	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	88.2	93.8	94.6	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	88.3	94.1	95.0	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	88.4	94.4	95.3	96.1	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	88.4	94.7	95.7	96.4	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	88.7	95.4	96.7	97.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	88.7	95.4	96.8	97.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	88.7	95.4	96.8	97.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	88.7	95.4	96.8	97.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.7	99.8
≥ 100	88.7	95.4	96.8	97.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.7	99.8	100.0
U	88.7	95.4	96.8	97.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	60.6	64.1	64.2	64.7	64.7	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	63.8	68.6	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	64.3	69.1	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	64.3	69.1	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	64.7	69.4	69.6	70.0	70.0	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	65.2	70.0	70.1	70.6	70.6	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	68.0	73.1	73.2	73.7	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	69.3	74.6	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	72.0	77.4	77.7	78.1	78.1	78.2	78.2	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	72.6	78.0	78.2	78.7	78.7	78.8	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	73.6	79.1	79.2	79.7	79.7	79.8	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	74.7	80.1	80.3	80.8	80.8	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	76.3	81.8	82.1	82.6	82.6	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	77.6	83.2	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	77.9	83.6	84.1	84.7	84.7	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	78.7	84.6	85.4	86.0	86.0	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	79.8	86.4	87.3	87.9	87.9	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	81.0	87.7	88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	81.7	88.4	89.3	89.9	89.9	90.1	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	82.7	89.7	90.8	91.4	91.4	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	83.2	90.8	91.9	92.6	92.6	92.8	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	83.3	91.2	92.3	93.1	93.1	93.3	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	83.6	91.8	92.9	93.7	93.7	93.9	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	83.7	92.0	93.2	94.0	94.0	94.2	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	84.0	92.4	93.8	94.7	94.7	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	84.3	93.1	94.7	95.8	95.9	96.1	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	84.4	93.6	95.3	96.6	96.8	97.0	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	84.4	93.7	95.8	97.2	97.7	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	84.4	93.7	95.8	97.3	97.8	98.1	98.8	98.8	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3
≥ 200	84.4	93.7	95.8	97.3	97.8	98.1	98.9	99.0	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7
≥ 100	84.4	93.7	95.8	97.3	97.8	98.1	98.9	99.0	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8
≥ 0	84.4	93.7	95.8	97.3	97.8	98.1	98.9	99.0	99.0	99.3	99.4	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
MOON: N

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	42.3	48.8	51.2	53.0	54.1	54.4	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1
≥ 20000	46.2	52.9	55.9	57.8	59.0	59.3	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0
≥ 18000	46.8	53.4	56.4	58.3	59.6	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.6	60.6
≥ 16000	46.8	53.4	56.4	58.4	59.7	60.0	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7
≥ 14000	47.2	53.9	57.0	59.0	60.2	60.6	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2
≥ 12000	48.8	55.6	58.7	60.7	61.9	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9
≥ 10000	52.1	59.3	62.4	64.6	65.8	66.1	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
≥ 9000	53.1	60.7	63.8	66.1	67.3	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 8000	58.0	65.8	69.0	71.4	72.9	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1
≥ 7000	58.6	66.3	69.6	72.3	73.8	74.3	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0
≥ 6000	59.6	67.3	70.7	73.4	74.9	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 5000	59.9	68.1	71.7	74.6	76.0	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2
≥ 4500	60.3	68.6	72.1	75.0	76.6	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 4000	61.8	70.4	74.2	77.1	78.8	79.3	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 3500	62.6	71.3	75.1	78.0	79.7	80.2	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9
≥ 3000	63.2	72.3	76.1	79.0	80.8	81.3	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 2500	64.2	73.6	77.6	80.6	82.4	83.0	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 2000	66.0	75.7	79.9	82.9	84.8	85.3	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2
≥ 1800	66.6	76.8	81.3	84.3	86.2	86.8	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 1500	67.2	77.9	82.7	85.9	87.8	88.3	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 1200	67.8	78.7	83.6	86.9	88.8	89.3	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 1000	68.3	79.9	85.1	88.6	90.4	91.0	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 900	68.4	80.2	85.4	88.9	90.8	91.3	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 800	68.6	80.8	86.2	89.8	92.1	92.7	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 700	68.8	81.2	87.1	90.7	93.2	93.9	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 600	69.0	81.9	88.1	91.7	94.2	94.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 500	69.0	82.0	88.2	91.9	94.4	95.1	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 400	69.0	82.0	88.2	92.1	94.8	95.7	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 300	69.0	82.0	88.3	92.3	95.0	96.1	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 200	69.0	82.0	88.3	92.3	95.0	96.1	98.0	98.7	98.9	99.2	99.3	99.4	99.4	99.4	99.9	99.9
≥ 100	69.0	82.0	88.3	92.3	95.0	96.1	98.0	98.7	98.9	99.2	99.3	99.4	99.4	99.4	100.0	100.0
≥ 0	69.0	82.0	88.3	92.3	95.0	96.1	98.0	98.7	98.9	99.2	99.3	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	48.9	53.8	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	53.1	58.6	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	53.2	58.7	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	53.2	58.7	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	53.3	58.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	54.9	60.7	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	59.8	66.1	67.3	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	60.4	67.3	68.6	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	63.2	70.3	71.8	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	63.7	70.9	72.4	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	64.4	72.1	73.8	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	65.2	73.4	75.2	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	65.7	73.9	75.7	76.6	76.9	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	66.6	74.8	76.6	77.4	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	67.1	75.3	77.1	78.0	78.3	78.3	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	67.9	76.1	78.1	79.1	79.4	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	69.1	77.3	79.4	80.7	81.0	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	71.1	79.7	81.9	83.3	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	71.8	80.6	82.8	84.2	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	73.8	83.0	85.4	87.1	87.6	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	75.2	85.6	88.4	90.1	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	76.6	87.3	90.7	92.4	93.2	93.2	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	77.0	88.0	91.6	93.3	94.1	94.1	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	77.2	88.9	92.7	94.4	95.2	95.2	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	77.6	89.7	93.6	95.3	96.2	96.2	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	77.7	89.9	93.9	95.8	97.0	97.0	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	77.7	90.0	94.1	96.2	97.7	97.8	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	77.7	90.0	94.1	96.3	98.1	98.2	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.8	90.2	94.3	96.6	98.3	98.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING	57.1	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	62.0	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000	62.3	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	62.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	63.2	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	65.1	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	69.9	72.4	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	70.6	73.2	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	72.7	75.3	76.0	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	72.8	75.6	76.2	76.3	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	74.0	77.2	78.0	78.2	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	75.0	78.2	79.0	79.2	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	75.9	79.1	80.0	80.2	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	77.4	80.7	81.6	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	78.2	81.6	82.6	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	80.3	84.1	85.3	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	82.4	86.9	88.1	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	84.3	88.9	90.2	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	85.0	89.8	91.1	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	87.0	92.2	94.0	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	88.0	93.4	95.4	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	88.1	93.8	96.3	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	88.1	93.8	96.3	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	88.1	93.9	96.6	97.3	97.3	97.3	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	88.1	94.2	97.0	97.9	98.0	98.0	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	88.1	94.2	97.1	98.0	98.2	98.2	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	88.1	94.3	97.2	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	88.1	94.3	97.2	98.4	98.9	99.1	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF BK
STATION NAME

67-70,73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	61.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	68.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	68.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	70.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	74.9	77.2	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	76.0	78.4	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	78.3	81.0	81.1	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	79.0	81.7	81.8	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	80.0	82.9	83.0	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	81.1	84.3	84.4	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	81.2	84.7	84.8	84.8	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	83.3	86.9	87.0	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	84.7	88.3	88.7	88.7	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	86.9	90.8	91.1	91.2	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	88.3	92.3	92.8	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	89.3	93.6	94.1	94.2	94.3	94.4	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	90.0	94.3	94.9	95.0	95.1	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	90.9	95.4	96.0	96.1	96.2	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	90.9	95.6	96.1	96.2	96.3	96.4	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	91.0	95.8	96.4	96.6	96.9	97.1	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	91.0	95.9	96.8	96.9	97.2	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	91.0	96.0	97.2	97.3	97.9	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	91.0	96.0	97.3	97.4	98.0	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	91.0	96.1	97.6	97.7	98.2	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	91.0	96.1	97.7	97.8	98.6	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.0	96.2	97.8	97.9	98.8	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	67.7	68.6	68.8	68.8	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	73.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	74.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	74.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	74.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	76.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	79.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	79.7	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	82.3	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	83.3	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	84.4	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5000	85.7	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	86.2	88.3	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	87.8	90.2	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	88.6	91.0	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	88.9	91.7	92.2	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	89.9	92.9	93.6	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	90.6	93.9	94.7	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	91.0	94.6	95.3	95.4	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	91.3	95.2	96.0	96.1	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	91.3	95.4	96.3	96.4	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	91.3	95.7	96.6	96.8	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	91.6	95.9	96.8	97.1	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	91.6	95.9	96.9	97.2	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	91.6	95.9	97.0	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	91.6	95.9	97.1	97.4	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	91.6	96.0	97.2	97.6	98.1	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	91.6	96.0	97.2	97.7	98.8	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	91.6	96.1	97.3	98.0	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.6	96.1	97.3	98.0	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.6	96.1	97.3	98.0	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.6	96.1	97.3	98.0	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	68.9	70.3	70.3	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	73.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
18000	74.1	76.2	76.2	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	74.2	76.3	76.3	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	74.6	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	75.6	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	78.8	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	79.7	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	81.8	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	82.7	85.3	85.3	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	83.8	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	84.9	87.9	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	85.4	88.6	88.6	88.7	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	86.7	90.2	90.2	90.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	87.1	91.2	91.2	91.3	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	87.3	91.8	92.0	92.3	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	88.3	92.9	93.1	93.4	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	88.4	93.1	93.3	93.8	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	89.0	94.0	94.2	94.7	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	89.2	94.4	94.7	95.1	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	89.2	94.9	95.2	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	89.3	95.0	95.3	95.8	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	89.3	95.0	95.3	95.8	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	89.3	95.0	95.3	95.9	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	89.4	95.6	95.9	96.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	89.8	95.8	96.2	96.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	89.8	96.0	96.4	97.1	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	89.8	96.0	96.4	97.2	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	89.8	96.0	96.6	97.3	98.6	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	59.0	61.8	62.3	62.6	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV ≥ 8000 V ≥ 10000	64.2	67.6	68.2	68.5	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV ≥ 14000 V ≥ 12000	64.3	67.6	68.2	68.6	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV ≥ 10000 V ≥ 9000	64.7	68.1	68.7	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV ≥ 8000 V ≥ 7000	66.2	69.6	70.2	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV ≥ 6000 V ≥ 5000	69.8	73.5	74.2	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1
IV ≥ 4500 V ≥ 4000	70.6	74.5	75.2	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV ≥ 3500 V ≥ 3000	73.3	77.3	78.1	78.6	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV ≥ 2500 V ≥ 2000	73.8	78.0	78.8	79.3	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
IV ≥ 1800 V ≥ 1500	75.0	79.3	80.2	80.8	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV ≥ 1200 V ≥ 1000	76.1	80.7	81.6	82.1	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV ≥ 900 V ≥ 800	76.8	81.4	82.4	82.9	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
IV ≥ 700 V ≥ 600	78.2	83.2	84.1	84.7	85.1	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV ≥ 500 V ≥ 400	78.9	84.0	85.0	85.7	86.0	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV ≥ 300 V ≥ 200	79.8	85.2	86.4	87.1	87.5	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
IV ≥ 100 V ≥ 0	81.0	86.7	88.0	88.8	89.2	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	82.2	88.1	89.4	90.3	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
	82.8	88.9	90.3	91.1	91.6	91.7	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
	83.7	90.1	91.7	92.6	93.0	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6
	84.2	91.0	92.7	93.6	94.2	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
	84.5	91.5	93.4	94.4	95.0	95.1	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
	84.7	91.8	93.7	94.7	95.3	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	84.7	92.1	94.1	95.2	95.9	96.1	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
	84.9	92.4	94.6	95.7	96.6	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
	85.0	92.7	95.0	96.2	97.1	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	85.0	92.9	95.4	96.7	97.7	97.9	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
	85.0	93.0	95.4	96.8	98.1	98.3	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	85.0	93.0	95.5	97.0	98.2	98.5	99.2	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
	85.0	93.0	95.5	97.0	98.2	98.5	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9
	85.0	93.0	95.5	97.0	98.2	98.5	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING ≥ 20000	69.7	71.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
≥ 19000	71.9	74.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 15000	71.9	74.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000	72.0	74.1	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	73.1	75.2	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	75.4	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	75.4	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	76.7	79.1	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	77.7	80.2	80.6	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	78.6	81.3	81.7	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	80.5	83.0	83.4	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	82.5	84.9	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	84.1	86.8	87.3	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	85.5	88.6	89.1	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	86.3	89.6	90.1	90.6	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	86.3	90.3	91.0	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	88.0	91.4	92.0	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	88.0	91.4	92.0	92.6	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	88.6	92.2	92.9	93.5	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	89.1	92.7	93.7	94.4	94.7	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	89.5	93.1	94.1	95.1	95.6	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	89.7	93.4	94.4	95.4	95.9	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	89.8	93.5	94.5	95.6	96.1	96.1	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	89.8	93.7	94.6	95.7	96.6	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	89.8	93.8	94.7	95.8	96.7	96.7	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	89.8	94.4	95.5	96.6	97.4	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	89.8	94.4	95.5	96.9	98.1	98.2	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	89.8	94.4	95.5	96.9	98.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	89.8	94.4	95.5	96.9	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	89.8	94.4	95.5	96.9	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	89.8	94.4	95.5	96.9	98.3	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS, 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70,73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	65.4	67.9	68.6	68.7	69.0	69.0	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	67.3	69.8	70.4	70.5	71.0	71.0	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	67.3	69.8	70.4	70.5	71.0	71.0	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	67.3	69.8	70.4	70.5	71.0	71.0	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	67.5	70.0	70.6	70.7	71.3	71.3	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	68.2	70.7	71.4	71.5	72.0	72.0	72.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	70.2	72.8	73.4	73.5	74.1	74.1	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	70.3	72.9	73.5	73.6	74.2	74.2	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	71.9	74.9	75.6	75.7	76.2	76.2	76.4	76.5	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	72.4	75.5	76.1	76.2	76.9	76.9	77.1	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	73.3	76.4	77.1	77.4	78.0	78.0	78.3	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	75.7	79.1	79.9	80.2	80.8	80.8	81.1	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	77.5	80.9	81.7	82.0	82.7	82.7	82.9	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	78.5	81.9	82.8	83.1	83.7	83.7	84.0	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	79.5	83.0	83.9	84.2	84.8	84.8	85.0	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	80.5	84.1	84.9	85.3	86.0	86.0	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	81.4	85.0	86.0	86.3	87.1	87.1	87.3	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	82.5	86.7	87.6	87.9	88.8	88.8	89.0	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	82.8	87.1	88.1	88.4	89.2	89.2	89.5	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	83.7	88.6	89.6	89.9	90.7	90.9	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	84.3	89.5	90.4	90.7	91.6	91.7	91.9	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	85.0	90.9	91.9	92.4	93.2	93.3	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	85.6	91.5	92.6	93.0	93.9	94.0	94.2	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	85.7	91.7	92.8	93.2	94.3	94.4	94.7	94.9	95.0	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 700	85.7	91.9	93.1	93.5	94.9	95.0	95.4	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 600	85.7	92.0	93.2	93.6	95.0	95.2	95.5	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 500	86.3	93.0	94.2	94.6	96.2	96.3	96.7	96.9	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 400	86.4	93.3	94.6	95.2	96.9	97.1	97.6	98.1	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 300	86.5	93.5	94.9	95.6	97.3	97.5	98.1	98.5	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	86.5	93.5	94.9	95.6	97.3	97.5	98.2	98.6	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.6
≥ 100	86.5	93.5	94.9	95.6	97.3	97.5	98.2	98.6	98.7	99.1	99.2	99.2	99.4	99.4	99.5	99.7
≥ 0	86.5	93.5	94.9	95.6	97.3	97.5	98.2	98.6	98.7	99.1	99.2	99.2	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC

FORM 1-74

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

UCr

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UTC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING ≥ 20000	58.4	60.3	61.8	62.0	62.7	63.0	63.2	63.2	63.3	63.4	63.8	63.8	63.8	63.8	63.9	64.1
≥ 18000	60.5	62.5	64.0	64.2	64.9	65.3	65.6	65.7	65.8	65.9	66.2	66.2	66.2	66.2	66.3	66.7
≥ 16000	60.5	62.5	64.0	64.2	64.9	65.3	65.6	65.7	65.8	65.9	66.2	66.2	66.2	66.2	66.3	66.7
≥ 14000	60.9	62.8	64.3	64.5	65.3	65.6	65.9	66.0	66.1	66.2	66.6	66.6	66.6	66.6	66.7	67.0
≥ 12000	61.6	63.7	65.2	65.4	66.1	66.5	66.8	66.9	67.0	67.1	67.4	67.4	67.4	67.4	67.5	67.8
≥ 10000	65.1	67.4	68.9	69.1	69.9	70.2	70.6	70.8	70.9	71.0	71.3	71.3	71.3	71.3	71.4	71.7
≥ 9000	65.5	67.8	69.4	69.6	70.3	70.6	71.1	71.2	71.3	71.4	71.7	71.7	71.7	71.7	71.8	72.2
≥ 8000	67.4	70.4	71.9	72.3	73.0	73.3	73.8	73.9	74.0	74.1	74.4	74.4	74.4	74.4	74.5	74.8
≥ 7000	68.9	72.0	73.5	73.9	74.7	75.1	75.5	75.6	75.7	75.8	76.1	76.1	76.1	76.2	76.6	
≥ 6000	69.6	73.1	74.6	74.9	75.9	76.2	76.7	76.8	76.9	77.0	77.3	77.3	77.3	77.3	77.4	77.7
≥ 5000	71.4	75.2	76.7	77.0	78.0	78.3	78.7	78.8	78.9	79.0	79.4	79.4	79.4	79.4	79.5	79.8
≥ 4500	72.3	76.1	77.7	78.1	79.0	79.4	79.8	79.9	80.0	80.1	80.4	80.4	80.4	80.4	80.5	80.9
≥ 4000	73.1	77.1	78.7	79.0	80.0	80.3	80.8	80.9	81.0	81.1	81.4	81.4	81.4	81.4	81.5	81.8
≥ 3500	73.9	77.8	79.5	79.8	80.8	81.1	81.5	81.6	81.7	81.8	82.2	82.2	82.2	82.2	82.3	82.6
≥ 3000	74.1	78.1	79.7	80.1	81.1	81.4	81.8	81.9	82.0	82.2	82.5	82.5	82.5	82.5	82.6	82.9
≥ 2500	76.5	80.4	82.0	82.6	83.5	83.9	84.3	84.5	84.6	84.7	85.1	85.1	85.1	85.1	85.2	85.5
≥ 2000	77.5	81.9	83.7	84.2	85.3	85.6	86.0	86.2	86.3	86.5	86.8	86.8	86.8	86.8	86.9	87.2
≥ 1800	78.0	82.5	84.2	84.7	85.8	86.1	86.6	86.8	86.9	87.0	87.3	87.3	87.3	87.3	87.4	87.7
≥ 1500	79.2	84.0	85.8	86.6	87.7	88.1	88.5	88.8	88.9	89.0	89.4	89.4	89.4	89.4	89.5	89.8
≥ 1200	79.6	84.5	86.5	87.2	88.4	88.7	89.1	89.5	89.6	89.7	90.0	90.0	90.0	90.0	90.1	90.4
≥ 1000	80.4	86.2	88.4	89.1	90.3	90.6	91.1	91.4	91.5	91.6	91.9	91.9	91.9	91.9	92.0	92.4
≥ 900	80.4	86.3	88.5	89.5	90.9	91.2	91.6	91.9	92.0	92.2	92.5	92.5	92.5	92.5	92.6	92.9
≥ 800	80.8	86.8	89.0	90.0	91.4	91.7	92.2	92.5	92.6	92.7	93.0	93.0	93.0	93.0	93.1	93.4
≥ 700	80.8	87.2	89.6	90.9	92.5	92.8	93.2	93.5	93.7	93.8	94.1	94.1	94.1	94.1	94.2	94.5
≥ 600	81.0	87.6	90.1	91.6	93.2	93.5	94.1	94.5	94.6	94.7	95.1	95.1	95.1	95.1	95.2	95.5
≥ 500	81.0	88.2	90.6	92.5	94.2	94.6	95.3	95.7	95.8	95.9	96.2	96.2	96.2	96.2	96.3	96.7
≥ 400	81.2	88.6	91.2	93.1	94.6	95.3	96.3	97.0	97.2	97.3	97.7	97.7	97.7	97.7	98.1	98.4
≥ 300	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.6	99.0	99.5
≥ 200	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.6	99.0	99.8
≥ 100	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.6	99.1	99.9
≥ 0	81.2	88.8	91.5	93.5	95.3	95.7	97.0	97.7	98.1	98.2	98.6	98.6	98.6	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19945

FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	60.8	67.8	63.2	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 18000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 16000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	63.4	65.6	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 12000	64.2	66.3	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 10000	67.7	70.3	70.8	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 9000	68.3	70.9	71.3	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 8000	70.5	71.5	74.0	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 7000	71.7	75.3	75.8	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 6000	73.0	76.8	77.3	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 5000	73.9	77.8	78.4	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4500	74.3	78.6	79.1	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 4000	74.5	78.8	79.6	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3500	75.7	80.1	80.9	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 3000	76.9	81.6	82.5	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2500	78.7	83.4	84.3	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2000	81.0	85.9	86.9	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1800	81.8	87.1	88.1	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500	83.4	88.9	90.0	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1200	84.5	90.3	91.4	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1000	85.5	91.8	93.2	94.2	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 900	85.6	92.3	93.7	94.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	85.6	92.7	94.2	95.2	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 700	85.6	92.7	94.3	95.5	95.9	96.2	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 600	85.6	92.8	94.6	95.9	96.5	96.9	97.3	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	85.6	93.1	95.2	96.6	97.6	98.1	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	85.6	93.2	95.5	96.9	98.2	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.6	99.6
IV 300	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.7	99.8	99.8
IV 200	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.8	99.9	100.0
IV 100	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.8	99.9	100.0
IV 0	85.6	93.2	95.5	96.9	98.2	98.7	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12945

FT SILL AAF OK

67-70, 73-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	65.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	69.2	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	69.2	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	69.2	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	69.2	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	70.2	70.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	73.1	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	74.4	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	77.3	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	78.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	79.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	80.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	81.1	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	82.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	84.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	85.7	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	88.8	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	90.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	91.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	91.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	92.5	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	92.9	96.2	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	93.0	96.7	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	93.0	96.8	97.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	93.0	96.8	97.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	93.0	96.9	97.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	93.2	97.1	97.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	93.2	97.1	97.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	93.2	97.1	97.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	86.2	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	88.7	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	90.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	90.8	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	92.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	93.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	94.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	94.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	95.2	96.3	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	95.3	96.6	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	95.3	97.2	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	95.3	97.3	97.8	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	95.3	97.4	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	95.3	97.4	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	95.3	97.4	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	95.3	97.4	98.1	98.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.3	97.4	98.1	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.3	97.4	98.1	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	97.4	98.1	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	97.4	98.1	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	97.4	98.1	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING ≥ 20000	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	88.0	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	89.8	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	90.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	91.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	93.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	94.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 300	94.4	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	94.5	96.1	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	94.6	96.3	96.5	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 50	94.6	96.5	96.6	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 25	94.8	96.9	97.0	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 10	94.8	96.9	97.0	97.5	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5	94.9	97.0	97.2	97.7	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2.5	94.9	97.2	97.4	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1.5	95.3	97.6	97.8	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1	95.3	97.6	98.0	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.5	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.25	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.15	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.1	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0.05	95.3	97.6	98.0	98.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS - LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	75.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	75.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	75.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	75.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	77.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	79.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	79.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	82.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	83.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	85.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	88.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	91.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	92.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	93.0	95.2	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	93.2	95.4	95.4	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	93.7	95.9	95.9	95.9	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	93.8	96.1	96.1	96.3	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	93.9	96.5	96.5	96.8	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	93.9	96.5	96.5	96.8	96.9	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	93.9	96.6	96.6	96.9	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	93.9	96.6	96.6	97.0	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	93.9	96.6	96.6	97.0	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	93.9	96.9	97.0	97.5	97.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	94.0	97.3	97.4	98.1	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 200	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 100	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 0	94.0	97.3	97.6	98.3	98.7	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	67.2	68.5	68.9	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 20000	70.3	71.6	72.0	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	70.3	71.6	72.0	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 16000	70.3	71.7	72.1	72.2	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 14000	70.4	71.8	72.2	72.3	72.5	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	71.5	72.9	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	74.2	75.7	76.1	76.2	76.4	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	74.7	76.2	76.6	76.8	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 8000	76.7	78.5	78.9	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	77.9	79.9	80.3	80.5	80.7	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	78.9	81.0	81.4	81.7	81.9	81.9	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	80.3	82.6	83.0	83.3	83.5	83.5	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	81.7	84.1	84.5	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	82.8	85.3	85.8	86.1	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 3500	83.9	86.5	87.0	87.2	87.5	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	85.0	87.7	88.2	88.5	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 2500	86.5	89.3	89.8	90.1	90.4	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8
≥ 2000	87.7	90.7	91.3	91.6	91.9	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1800	88.0	91.1	91.7	92.0	92.3	92.3	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	88.8	92.0	92.7	93.1	93.4	93.5	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	89.2	92.6	93.4	93.9	94.3	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	89.7	93.6	94.4	95.1	95.5	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	89.8	93.9	94.7	95.4	95.9	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	89.9	94.1	94.9	95.7	96.3	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 700	89.9	94.2	95.1	95.9	96.7	96.8	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	89.9	94.3	95.3	96.2	97.0	97.1	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8
≥ 500	90.0	94.7	95.8	96.7	97.6	97.8	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	90.1	94.9	96.0	97.0	98.1	98.3	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 300	90.1	94.9	96.1	97.2	98.2	98.5	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.7	99.7
≥ 200	90.1	94.9	96.1	97.2	98.2	98.5	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.8	99.9
≥ 100	90.1	94.9	96.1	97.2	98.2	98.5	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-76

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	67.6	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.9
≥ 20000	69.2	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.6
IV 18000	69.2	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.6
IV 16000	69.2	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.6
IV 14000	69.3	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.7
IV 12000	70.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.8
IV 10000	72.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.9
IV 9000	72.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	74.0
IV 8000	74.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.9
IV 7000	75.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.8
IV 6000	76.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.9
IV 5000	77.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.1
IV 4500	78.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.6
IV 4000	79.8	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.9	82.0	82.0	82.2
IV 3500	80.3	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.7	82.7	82.9
IV 3000	80.8	82.6	82.7	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.2	83.2	83.4
IV 2500	81.8	83.7	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.6
IV 2000	84.0	86.4	86.8	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.7
IV 1800	84.8	87.4	87.8	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.4	88.4	88.7
IV 1500	85.4	88.2	88.6	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.3	89.3	89.6
IV 1200	85.8	88.8	89.4	89.4	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.2	90.2	90.4
IV 1000	86.4	90.1	90.9	90.9	91.0	91.2	91.7	91.7	91.7	91.7	91.7	91.9	91.9	92.0	92.0	92.2
IV 900	86.7	90.7	91.4	91.4	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.6	92.6	92.8
IV 800	86.9	91.2	92.0	92.0	92.2	92.4	92.9	92.9	92.9	92.9	93.0	93.2	93.2	93.3	93.3	93.6
IV 700	87.1	91.7	92.4	92.4	92.7	92.9	93.3	93.3	93.3	93.3	93.4	93.7	93.7	93.8	93.8	94.0
IV 600	87.2	92.0	92.8	92.9	93.1	93.3	93.8	93.8	93.8	93.8	93.9	94.1	94.1	94.2	94.2	94.4
IV 500	87.3	92.2	93.1	93.8	94.3	94.6	95.0	95.0	95.0	95.0	95.1	95.4	95.4	95.6	95.6	95.8
IV 400	87.3	92.2	93.1	93.9	94.9	95.1	96.0	96.0	96.0	96.0	96.1	96.4	96.4	96.6	96.6	96.8
IV 300	87.3	92.6	93.6	94.3	95.8	96.0	97.0	97.1	97.3	97.4	97.9	97.9	97.9	98.1	98.1	98.3
IV 200	87.3	92.7	93.7	94.4	95.9	96.1	97.4	97.6	97.9	98.3	98.9	99.1	99.3	99.3	99.3	99.6
IV 100	87.3	92.7	93.7	94.4	95.9	96.1	97.4	97.6	97.9	98.3	99.0	99.3	99.6	99.6	99.8	100.0
IV 0	87.3	92.7	93.7	94.4	95.9	96.1	97.4	97.6	97.9	98.3	99.0	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK

67-70, 73-78

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	62.3	64.2	64.6	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	66.0
≥ 20000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.7
≥ 18000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.7
≥ 16000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.7
≥ 14000	65.0	66.9	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.7
≥ 12000	66.1	68.3	68.7	68.9	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	70.1
≥ 10000	68.0	70.2	70.6	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	72.0
≥ 9000	68.0	70.2	70.6	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	72.0
≥ 8000	69.2	71.4	71.8	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	73.2
≥ 7000	69.6	71.8	72.1	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.6
≥ 6000	70.3	72.7	73.0	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	74.4
≥ 5000	71.7	74.2	74.7	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	76.1
≥ 4500	73.8	76.6	77.0	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	78.4
≥ 4000	74.7	77.8	78.2	78.4	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.8
≥ 3500	74.9	78.2	78.7	78.9	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	80.2
≥ 3000	75.8	79.1	79.6	79.8	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	81.1
≥ 2500	76.7	80.3	80.8	81.0	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	82.3
≥ 2000	78.6	82.6	83.0	83.2	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.7
≥ 1800	79.6	83.8	84.2	84.4	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.9
≥ 1500	81.2	85.7	86.4	86.7	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	88.1
≥ 1200	81.7	86.2	87.0	87.4	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.9
≥ 1000	82.3	87.7	88.7	89.2	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.7
≥ 900	82.7	88.0	89.0	89.6	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	91.0
≥ 800	83.3	89.0	90.3	90.9	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	92.3
≥ 700	83.4	89.7	91.0	91.6	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	93.0
≥ 600	83.4	89.7	91.1	91.7	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	93.2
≥ 500	83.6	90.0	91.6	92.3	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	94.1
≥ 400	83.7	90.1	91.8	92.7	93.2	93.2	93.8	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.8
≥ 300	83.7	90.4	92.1	93.0	93.9	93.9	94.4	95.1	95.4	95.4	95.6	95.6	95.8	95.8	95.8	96.4
≥ 200	83.7	90.4	92.1	93.2	94.1	94.1	95.0	95.7	96.1	96.1	96.3	96.3	97.0	97.6	97.6	98.3
≥ 100	83.7	90.4	92.1	93.2	94.1	94.1	95.0	95.7	96.1	96.4	97.0	97.1	97.8	97.9	98.0	99.1
≥ 0	83.7	90.4	92.1	93.2	94.1	94.1	95.0	95.7	96.1	96.4	97.0	97.1	97.8	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	57.0	59.7	60.3	60.8	60.9	61.1	61.1	61.4	61.4	61.6	61.8	61.8	61.9	62.0	62.2	62.2
≥ 20000	59.6	62.2	63.1	63.6	63.8	64.0	64.0	64.3	64.3	64.4	64.7	64.7	64.8	64.9	65.1	65.1
≥ 18000	59.6	62.2	63.1	63.6	63.8	64.0	64.0	64.3	64.3	64.4	64.7	64.7	64.8	64.9	65.1	65.1
≥ 16000	59.6	62.2	63.1	63.6	63.8	64.0	64.0	64.3	64.3	64.4	64.7	64.7	64.8	64.9	65.1	65.1
≥ 14000	59.7	62.3	63.2	63.7	63.9	64.1	64.1	64.4	64.4	64.6	64.8	64.8	64.9	65.0	65.2	65.2
≥ 12000	60.7	63.3	64.2	64.7	64.9	65.1	65.1	65.4	65.4	65.6	65.8	65.8	65.9	66.0	66.2	66.2
≥ 10000	64.0	66.9	67.8	68.2	68.4	68.7	68.7	69.0	69.0	69.1	69.3	69.3	69.4	69.6	69.8	69.8
≥ 9000	64.0	66.9	67.8	68.2	68.4	68.7	68.7	69.0	69.0	69.1	69.3	69.3	69.4	69.6	69.8	69.8
≥ 8000	65.9	69.2	70.1	70.6	70.8	71.0	71.0	71.3	71.3	71.4	71.7	71.7	71.8	71.9	72.1	72.1
≥ 7000	66.4	69.8	70.7	71.1	71.3	71.6	71.6	71.9	71.9	72.0	72.2	72.2	72.3	72.4	72.7	72.7
≥ 6000	66.8	70.3	71.2	71.7	71.9	72.1	72.1	72.6	72.6	72.7	72.9	72.9	73.0	73.1	73.3	73.3
≥ 5000	68.1	71.9	72.8	73.2	73.4	73.7	73.7	74.1	74.1	74.2	74.4	74.4	74.6	74.7	74.9	74.9
≥ 4500	68.9	72.7	73.6	74.1	74.3	74.6	74.6	75.0	75.0	75.1	75.3	75.3	75.4	75.6	75.8	75.8
≥ 4000	69.0	72.9	73.8	74.3	74.6	74.8	74.8	75.2	75.2	75.3	75.6	75.6	75.7	75.8	76.0	76.0
≥ 3500	69.8	73.7	74.6	75.1	75.3	75.6	75.6	76.0	76.0	76.1	76.3	76.3	76.4	76.6	76.8	76.8
≥ 3000	70.6	74.6	75.4	76.0	76.2	76.4	76.4	76.9	76.9	77.0	77.2	77.2	77.3	77.4	77.7	77.7
≥ 2500	72.1	76.2	77.1	77.7	77.9	78.1	78.1	78.6	78.6	78.7	78.9	78.9	79.0	79.1	79.3	79.3
≥ 2000	73.9	78.6	79.4	80.0	80.2	80.4	80.4	80.9	80.9	81.0	81.2	81.2	81.3	81.4	81.7	81.7
≥ 1800	74.2	78.9	79.0	80.3	80.7	80.9	80.9	81.3	81.3	81.4	81.7	81.7	81.7	81.8	82.1	82.1
≥ 1500	75.7	80.8	81.8	82.3	82.8	83.0	83.0	83.4	83.4	83.6	83.8	83.8	83.9	84.1	84.3	84.3
≥ 1200	76.2	82.0	83.2	83.8	84.2	84.4	84.4	84.9	84.9	85.0	85.2	85.2	85.3	85.6	85.8	85.8
≥ 1000	77.1	83.3	84.7	85.2	85.8	86.0	86.0	86.4	86.4	86.6	86.8	86.8	86.9	87.1	87.3	87.3
≥ 900	77.2	83.9	85.3	85.9	86.4	86.7	86.7	87.1	87.1	87.2	87.4	87.4	87.6	87.8	88.0	88.0
≥ 800	77.6	84.6	86.1	86.8	87.3	87.6	87.6	88.0	88.0	88.1	88.3	88.3	88.4	88.7	88.9	88.9
≥ 700	77.9	85.0	86.9	87.6	88.1	88.3	88.3	88.8	88.8	88.9	89.1	89.1	89.2	89.4	89.7	89.7
≥ 600	78.0	85.2	87.1	87.9	88.6	88.8	88.8	89.3	89.3	89.4	89.7	89.7	89.8	90.0	90.2	90.2
≥ 500	78.1	85.9	87.8	88.8	90.0	90.2	90.3	90.9	90.9	91.1	91.3	91.3	91.4	91.7	91.9	91.9
≥ 400	78.2	86.3	88.2	89.7	91.3	91.8	92.0	92.8	92.8	93.3	93.7	93.7	93.8	94.0	94.3	94.3
≥ 300	78.2	86.4	88.3	89.8	91.7	92.2	92.6	93.4	93.8	94.3	94.8	94.8	94.9	95.1	95.6	96.0
≥ 200	78.2	86.4	88.3	89.8	91.7	92.2	92.9	93.9	94.2	94.8	95.2	95.2	95.3	95.6	96.0	96.4
≥ 100	78.2	86.4	88.3	89.8	91.7	92.2	92.9	93.9	94.2	94.8	95.2	95.2	95.3	96.0	96.7	98.0
≥ 0	78.2	86.4	88.3	89.8	91.7	92.2	92.9	93.9	94.2	94.8	95.2	95.2	95.3	96.0	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

7-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.6	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	60.8	62.0	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	61.2	62.4	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	61.8	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	62.0	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	63.0	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	66.0	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 8000	66.2	67.9	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 6000	67.8	69.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 5000	68.9	70.6	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.7
≥ 4500	69.0	70.7	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 4000	69.1	70.8	71.6	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 3500	69.8	71.4	72.2	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 3000	70.7	72.3	73.1	73.6	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 2500	71.2	72.9	73.7	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6
≥ 2000	72.4	74.1	74.9	75.3	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 1800	73.8	75.8	76.6	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 1600	74.7	77.3	78.2	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 1400	74.8	77.4	78.3	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 1200	76.4	79.8	80.8	81.3	81.6	81.6	81.8	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 1000	77.8	81.6	83.0	83.7	83.9	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.6
≥ 900	79.7	84.1	85.7	86.4	86.7	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.6
≥ 800	79.7	84.7	86.4	87.4	87.8	87.9	88.2	88.4	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.9
≥ 700	79.8	85.2	87.3	88.4	88.9	89.0	89.3	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	90.0
≥ 600	80.0	85.7	88.1	89.6	90.2	90.3	90.7	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.4
≥ 500	80.1	85.9	88.4	90.1	91.0	91.1	91.7	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.4
≥ 400	80.2	86.2	89.1	91.1	92.2	92.3	93.3	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥ 300	80.2	86.3	89.3	91.3	92.9	93.3	94.3	95.0	95.2	95.8	96.1	96.1	96.2	96.2	96.2	96.3
≥ 200	80.2	86.3	89.6	91.6	93.2	93.7	94.7	95.6	95.9	96.4	97.2	97.4	97.6	97.7	98.1	98.2
≥ 100	80.2	86.3	89.6	91.6	93.2	93.8	94.9	95.9	96.2	96.9	97.8	98.0	98.1	98.3	99.0	99.6
≥ 0	80.2	86.3	89.6	91.6	93.2	93.8	94.9	95.9	96.2	96.9	97.8	98.0	98.1	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 STATION FT SILL AAF OK

67-70, 73-79

NRV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
GROUP II

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	72.8	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	73.6	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	75.0	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	75.2	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	75.6	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 5000	75.9	76.4	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	77.0	77.6	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	78.2	79.0	79.3	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	78.9	79.7	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	79.9	80.7	81.0	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	81.9	82.8	83.1	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	83.0	84.2	84.6	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	83.3	84.7	85.0	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	85.0	86.7	87.4	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	86.3	88.3	89.3	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	87.6	90.2	91.8	92.9	93.1	93.1	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	88.0	90.9	92.7	93.8	94.0	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	88.3	91.2	93.1	94.2	94.4	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	88.6	91.7	93.7	94.9	95.1	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	88.6	91.7	93.8	95.1	95.3	95.9	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	88.6	91.8	93.9	95.2	95.7	96.4	97.1	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	88.6	91.8	94.0	95.3	95.9	96.8	97.6	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	88.6	91.8	94.0	95.3	96.0	96.9	98.0	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	88.6	91.8	94.0	95.3	96.1	97.0	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥ 100	88.6	91.8	94.0	95.3	96.1	97.0	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.7	99.7	100.0
≥ 0	88.6	91.8	94.0	95.3	96.1	97.0	98.1	99.0	99.3	99.4	99.4	99.4	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	78.4	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	78.9	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	80.6	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	82.0	82.8	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	83.7	84.6	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	85.1	86.0	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	86.4	87.6	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	86.9	88.1	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	88.7	90.0	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	89.6	92.0	92.9	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	90.6	93.3	94.4	94.7	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	90.9	93.8	94.9	95.1	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	91.0	94.2	95.3	95.6	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	91.0	94.4	95.7	95.9	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	91.1	94.6	95.8	96.3	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	91.1	94.6	95.8	96.3	96.4	97.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	91.1	94.7	96.0	96.6	96.9	97.7	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	91.1	94.7	96.0	96.6	96.9	97.7	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	91.1	94.7	96.0	96.6	96.9	97.8	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	91.1	94.7	96.0	96.6	96.9	97.8	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.9
≥ 0	91.1	94.7	96.0	96.6	96.9	97.8	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	66.6	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	71.7	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	72.4	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	75.0	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	75.3	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	77.0	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	77.7	78.4	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	78.6	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	79.8	80.7	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	80.4	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	81.4	82.7	82.9	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	82.0	83.3	83.6	83.7	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	83.1	84.4	84.7	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	84.7	86.4	86.7	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	86.2	88.4	88.7	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	86.2	88.6	88.8	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1600	87.6	90.4	90.7	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1400	87.9	90.9	91.1	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	88.8	92.1	92.7	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	89.0	92.7	93.3	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	89.2	93.2	93.9	94.3	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	89.8	94.0	94.9	95.3	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	89.8	94.3	95.2	95.7	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	89.9	94.6	95.6	96.2	97.0	97.3	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	89.9	94.6	95.6	96.4	97.3	97.7	98.0	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	89.9	94.6	95.7	96.8	97.7	98.1	98.4	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	89.9	94.6	95.7	96.8	97.7	98.1	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	89.9	94.6	95.7	96.8	97.7	98.1	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	89.9	94.6	95.7	96.8	97.7	98.1	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	89.9	94.6	95.7	96.8	97.7	98.1	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.01	≥ 0
NO CEILING	69.3	69.9	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	72.0	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	72.0	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	72.0	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	72.1	72.9	73.0	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	73.1	73.9	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	74.8	75.6	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	75.2	76.0	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	77.1	77.9	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	77.2	78.0	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	78.2	79.0	79.1	79.3	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	79.1	80.1	80.2	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	80.1	81.2	81.3	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	81.0	82.2	82.4	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	81.9	83.3	83.6	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	82.4	84.1	84.3	84.7	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	84.3	86.3	86.6	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	85.9	88.6	88.8	89.1	89.1	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	86.6	89.3	89.6	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	86.8	89.8	90.0	90.3	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	87.0	90.2	90.8	91.2	91.2	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	87.6	90.9	91.6	92.1	92.1	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	88.1	91.6	92.2	92.8	92.8	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	88.4	92.2	93.0	93.6	93.6	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	88.9	92.8	93.8	94.4	94.4	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	89.1	93.0	94.9	95.8	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	89.1	93.8	94.9	96.1	96.1	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	89.1	94.0	95.2	96.4	96.4	96.7	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.8	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3
≥ 100	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.9	99.0	99.1	99.4	99.4	99.6	99.8	99.8	99.8
≥ 0	89.1	94.0	95.6	97.1	97.6	98.1	98.6	98.9	99.0	99.1	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

57-70, 73-78

NUV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	63.6	64.6	64.8	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.3
≥ 20000	67.2	68.2	68.4	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.0
≥ 18000	67.3	68.4	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.2
≥ 16000	67.4	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.3
≥ 14000	67.7	68.8	69.0	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.6
≥ 12000	68.5	69.7	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6
≥ 10000	70.9	72.2	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥ 9000	71.2	72.5	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.4
≥ 8000	72.8	74.2	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.1
≥ 7000	73.4	74.8	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.7
≥ 6000	74.1	75.5	75.8	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5
≥ 5500	74.9	76.5	76.6	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.6
≥ 4500	75.9	77.6	77.9	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.7
≥ 4000	76.9	78.7	79.1	79.4	79.5	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.0
≥ 3500	77.6	79.5	79.9	80.2	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8
≥ 3000	78.6	80.5	80.9	81.2	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.9
≥ 2500	80.0	82.2	82.6	82.9	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.7
≥ 2000	81.6	84.2	84.7	85.0	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.8
≥ 1800	82.0	84.8	85.3	85.6	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3
≥ 1500	83.3	86.4	87.1	87.4	87.6	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.2
≥ 1200	84.0	87.5	88.3	88.8	89.0	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.7
≥ 1000	85.0	89.0	90.0	90.5	90.8	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.6
≥ 900	85.3	89.5	90.7	91.2	91.5	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3
≥ 800	85.6	90.1	91.4	92.0	92.3	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.2
≥ 700	85.8	90.6	92.1	92.7	93.0	93.3	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	94.0
≥ 600	85.9	90.9	92.4	93.2	93.6	93.8	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.6
≥ 500	86.0	91.1	92.7	93.7	94.3	94.7	95.1	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.9
≥ 400	86.0	91.3	92.9	94.0	94.9	95.3	95.9	96.3	96.4	96.7	96.8	96.8	96.8	96.9	96.9	97.1
≥ 300	86.0	91.3	93.1	94.3	95.3	95.8	96.5	97.1	97.3	97.5	97.8	97.8	97.9	97.9	98.1	98.2
≥ 200	86.0	91.4	93.1	94.3	95.4	95.9	96.8	97.2	97.6	97.9	98.3	98.4	98.6	98.6	98.8	98.9
≥ 100	86.0	91.4	93.1	94.3	95.4	95.9	96.8	97.4	97.7	98.0	98.4	98.5	98.7	98.9	99.1	99.6
≥ 0	86.0	91.4	93.1	94.3	95.4	95.9	96.8	97.4	97.7	98.0	98.4	98.5	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF DK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	70.2	71.5	72.0	72.2	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 20000	71.8	73.2	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 18000	71.8	73.2	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 16000	71.8	73.2	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 14000	72.0	73.4	74.0	74.1	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 12000	73.0	74.4	74.9	75.1	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 10000	74.4	75.8	76.3	76.5	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 9000	74.4	75.8	76.3	76.5	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 8000	76.0	77.5	78.1	78.2	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8
≥ 7000	76.5	78.0	78.5	78.6	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2
≥ 6000	77.0	78.5	79.0	79.1	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 5000	77.6	79.1	79.7	79.8	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 4500	78.5	80.0	80.5	80.6	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 4000	79.0	80.6	81.2	81.3	81.6	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 3500	80.3	82.0	82.6	82.7	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 3000	80.4	82.2	82.8	82.9	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 2500	81.7	83.5	84.3	84.5	84.9	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 2000	83.3	85.2	85.9	86.1	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 1800	83.5	85.4	86.1	86.3	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 1500	84.9	87.7	88.6	88.8	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 1200	85.8	89.0	90.0	90.2	90.6	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 1000	86.1	89.6	90.6	91.0	91.4	91.6	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 900	86.2	90.2	91.3	91.6	92.0	92.3	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 800	86.5	90.9	92.3	92.7	93.1	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 700	86.7	91.2	92.9	93.4	93.9	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 600	86.7	91.4	93.1	93.8	94.2	94.4	94.7	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	86.7	91.4	93.1	93.8	94.3	94.5	94.9	95.2	95.2	95.5	95.7	95.7	95.7	95.7	95.8	95.8
≥ 400	86.7	91.4	93.1	93.8	94.4	94.6	95.2	95.4	95.4	95.7	95.9	95.9	95.9	95.9	96.0	96.0
≥ 300	86.8	91.8	93.5	94.9	95.7	96.2	96.9	97.3	97.3	97.6	97.8	98.0	98.0	98.0	98.1	98.1
≥ 200	86.8	91.8	93.5	94.9	95.8	96.5	97.1	97.6	97.7	98.1	98.3	98.4	98.4	98.5	98.6	98.6
≥ 100	86.8	91.8	93.5	94.9	95.8	96.5	97.2	98.0	98.1	98.4	98.6	98.7	98.7	98.8	98.9	98.9
≥ 0	86.8	91.8	93.5	94.9	95.8	96.5	97.2	98.1	98.2	98.5	98.7	98.8	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945
STATION

FT SILL AAF DK
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	68.1	69.5	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.8
≥ 20000	69.6	71.1	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
≥ 18000	69.6	71.1	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
≥ 16000	69.7	71.2	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.5
≥ 14000	69.8	71.3	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.6
≥ 12000	71.0	72.5	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.8
≥ 10000	73.3	74.8	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.1
≥ 9000	73.3	74.8	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.1
≥ 8000	74.2	76.0	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.3
≥ 7000	74.5	76.3	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.6
≥ 6000	75.2	77.1	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.4
≥ 5000	75.8	77.7	78.4	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	79.0
≥ 4500	76.3	78.5	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.8
≥ 4000	76.6	78.7	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	80.0
≥ 3500	77.4	79.9	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.2
≥ 3000	78.2	81.0	81.6	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.4
≥ 2500	79.7	82.6	83.2	83.2	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	84.1
≥ 2000	81.0	83.9	84.5	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.4
≥ 1800	81.4	84.3	84.9	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.8
≥ 1500	83.8	87.2	87.8	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.7
≥ 1200	84.4	88.5	89.4	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.2
≥ 1000	85.2	89.7	91.0	91.1	91.3	91.5	91.8	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.4
≥ 900	85.2	89.8	91.1	91.3	91.5	91.7	92.0	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.6
≥ 800	85.2	90.2	91.5	91.9	92.2	92.4	92.7	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.2
≥ 700	85.5	90.6	92.2	92.6	92.8	93.0	93.3	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.9
≥ 600	85.5	90.8	92.4	92.9	93.1	93.3	93.7	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.2
≥ 500	85.7	91.4	93.1	93.7	94.0	94.3	94.7	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.3
≥ 400	85.7	91.5	93.2	93.9	94.2	94.5	95.1	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.7
≥ 300	85.7	91.5	93.3	94.2	94.9	95.3	95.8	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.5
≥ 200	85.7	91.5	93.3	94.2	95.4	95.7	96.2	96.6	96.6	96.6	96.6	97.2	97.2	97.2	97.4	98.0
≥ 100	85.7	91.5	93.3	94.2	95.4	95.7	96.2	96.8	96.8	96.8	96.8	97.7	97.7	97.7	98.0	98.7
≥ 0	85.7	91.5	93.3	94.2	95.4	95.7	96.2	96.8	96.8	96.8	96.8	97.7	97.7	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (O1 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
MORNING

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING ≥ 20000	62.5	63.9	64.3	64.4	64.5	64.6	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.6	65.8
≥ 18000	67.2	68.7	69.1	69.2	69.4	69.5	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.4	70.6
≥ 15000	67.2	68.7	69.1	69.2	69.4	69.5	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.4	70.6
≥ 14000	67.3	68.8	69.2	69.4	69.5	69.6	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.5	70.8
≥ 12000	68.4	69.9	70.3	70.4	70.5	70.6	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.8
≥ 10000	69.9	71.4	71.8	71.9	72.0	72.2	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0	73.1	73.3
≥ 9000	70.4	71.9	72.4	72.5	72.6	72.7	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.7	73.9
≥ 8000	71.4	73.0	73.4	73.5	73.7	73.8	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.9
≥ 7000	71.8	73.4	73.9	74.0	74.1	74.2	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.1	75.2	75.4
≥ 6000	72.4	74.0	74.4	74.5	74.6	74.7	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.7	75.9
≥ 5000	72.9	74.5	74.9	75.1	75.2	75.3	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.2	76.5
≥ 4500	73.5	75.2	75.6	75.7	75.8	75.9	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.9	77.1
≥ 4000	74.3	76.0	76.5	76.6	76.7	76.8	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.7	78.0
≥ 3500	74.7	76.9	77.3	77.4	77.5	77.6	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.8
≥ 3000	75.3	77.4	77.8	78.0	78.4	78.5	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.4	79.5	79.7
≥ 2500	75.9	78.2	78.7	78.8	79.2	79.4	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.3	80.5
≥ 2000	78.1	80.4	81.3	81.6	82.0	82.2	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.1	83.3
≥ 1800	78.8	81.3	82.2	82.5	82.9	83.0	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	84.0	84.2
≥ 1500	81.0	83.7	84.6	84.9	85.4	85.5	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.5	86.7
≥ 1200	81.9	85.5	86.6	87.1	87.5	87.6	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.6	88.8
≥ 1000	82.8	86.9	88.0	88.5	88.9	89.2	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9	90.0	90.3
≥ 900	83.1	87.2	88.3	88.9	89.4	89.5	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.4	90.8
≥ 800	83.2	87.6	88.7	89.7	90.2	90.3	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.3	91.6
≥ 700	83.4	88.0	89.2	90.2	90.8	90.9	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.8	92.2
≥ 600	83.4	88.1	89.3	90.4	91.2	91.3	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.3	92.4	92.7
≥ 500	83.4	88.2	89.8	91.0	91.9	92.0	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.7	94.0
≥ 400	83.4	88.2	90.0	91.4	92.5	92.6	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.5	94.6	94.9
≥ 300	83.4	88.3	90.1	91.8	92.7	92.8	94.2	94.7	94.7	94.9	95.1	95.1	95.1	95.3	95.5	95.8
≥ 200	83.4	88.3	90.1	91.7	93.0	93.2	95.1	95.7	95.7	96.0	96.3	96.3	96.6	97.0	97.3	97.7
≥ 100	83.4	88.3	90.1	91.7	93.0	93.2	95.1	95.8	95.8	96.1	96.9	96.9	97.1	97.7	98.7	99.1
≥ 0	83.4	88.3	90.1	91.7	93.0	93.2	95.1	95.8	95.8	96.1	96.9	97.0	97.3	98.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	61.6	62.6	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	68.2	69.7	70.0	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 18000	68.2	69.7	70.0	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 16000	68.2	69.7	70.0	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8
≥ 14000	68.6	70.1	70.4	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 12000	69.1	70.6	71.0	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
≥ 10000	70.0	71.5	71.8	72.0	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6
≥ 9000	70.1	71.6	71.9	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 8000	71.4	72.9	73.2	73.4	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
≥ 7000	72.2	73.7	74.0	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 6000	72.4	73.9	74.2	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 5000	73.5	75.2	75.5	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 4500	74.2	75.8	76.1	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
≥ 4000	74.8	76.5	76.9	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 3500	75.2	76.8	77.2	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
≥ 3000	75.9	77.6	78.1	78.3	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
≥ 2500	76.8	78.5	79.0	79.2	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 2000	78.5	80.6	81.6	81.9	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
≥ 1800	79.2	81.5	82.7	83.0	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 1500	81.1	83.9	85.1	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 1200	82.8	86.1	87.4	87.7	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 1000	83.1	87.0	88.4	88.9	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 900	83.7	88.2	89.6	90.3	90.8	91.0	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 800	83.7	88.4	89.9	90.8	91.3	91.5	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2
≥ 700	83.9	88.8	90.6	91.6	92.2	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 600	84.0	89.0	91.1	92.0	92.9	93.2	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1
≥ 500	84.1	89.4	91.4	92.6	93.5	94.0	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 400	84.1	89.5	92.0	93.2	94.4	94.9	95.3	96.0	96.1	96.3	96.3	96.3	96.3	96.5	96.6	96.6
≥ 300	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.7	96.9	97.5	98.0	98.2	98.2	98.4	98.4	98.6
≥ 200	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.9	97.1	97.8	98.3	98.3	98.8	99.0	99.1	99.5
≥ 100	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.9	97.1	98.0	98.4	98.4	98.9	99.1	99.4	99.7
≥ 0	84.1	89.5	92.2	93.3	94.5	95.1	95.7	96.9	97.1	98.0	98.5	98.5	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945 FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	63.2	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	70.1	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	70.1	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	70.1	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	70.8	71.4	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	72.6	73.2	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	73.3	74.0	74.2	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	74.2	74.8	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	74.9	75.6	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	75.3	75.9	76.1	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	75.6	76.6	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	76.5	77.5	77.7	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	76.9	78.0	78.2	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	77.6	78.7	78.9	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	77.8	78.9	79.1	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	79.4	80.4	80.6	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	81.3	82.6	83.0	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	83.2	84.7	85.2	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	85.1	86.6	87.0	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	87.4	89.2	89.7	90.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	88.4	90.8	91.4	91.8	92.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	88.8	91.5	92.2	92.7	93.1	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	89.0	91.9	92.6	93.2	93.8	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	89.0	92.0	93.0	93.9	94.4	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	89.0	92.0	93.0	94.0	94.7	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	89.0	92.0	93.1	94.1	95.1	95.6	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	89.0	92.0	93.2	94.2	95.3	95.8	96.7	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 400	89.1	92.2	93.4	94.6	96.0	96.6	97.6	98.2	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 300	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.6	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.8	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.8	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	89.1	92.2	93.4	94.6	96.1	96.7	97.8	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	77.0	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	77.3	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	78.8	79.2	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	79.4	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	79.9	80.4	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	80.9	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	81.7	82.3	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	82.6	83.1	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	82.9	83.5	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	84.6	85.3	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	86.7	87.3	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	88.5	89.1	89.7	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	89.4	90.4	91.0	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	89.9	91.4	91.9	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	90.6	92.4	93.1	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	90.8	92.6	93.3	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	90.8	92.8	93.5	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	90.8	93.0	93.8	94.7	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	90.8	93.1	93.9	94.8	95.5	95.6	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1
≥ 600	90.8	93.1	93.9	94.9	96.0	96.1	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	90.9	93.3	94.1	95.3	96.3	96.6	97.2	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.0	98.0	98.7	98.9	98.9	98.9	98.9	98.9
≥ 300	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.1	99.1	99.2	99.2	99.2
≥ 200	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.4	99.4	99.6	99.6	99.6
≥ 100	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.4	99.4	99.6	99.6	99.6
≥ 0	90.9	93.3	94.1	95.3	96.5	96.7	97.3	98.2	98.2	98.9	99.4	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	69.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000 ≥ 16000	73.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000 ≥ 12000	73.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000 ≥ 9000	73.4	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000 ≥ 7000	76.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000 ≥ 5000	77.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500 ≥ 4000	77.8	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500 ≥ 3000	78.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500 ≥ 2000	79.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800 ≥ 1500	79.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200 ≥ 1000	80.3	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 900 ≥ 800	80.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 700 ≥ 600	81.8	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 500 ≥ 400	83.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 300 ≥ 200	84.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 100	86.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	87.7	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	88.5	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	89.1	90.8	90.9	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	89.8	91.9	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	90.2	92.6	92.9	93.0	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6
	90.2	92.8	93.2	93.3	93.5	93.7	93.9	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2
	90.3	93.2	93.9	94.2	94.7	95.0	95.1	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5
	90.3	93.4	94.1	94.4	95.0	95.4	95.5	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8
	90.5	93.9	94.6	95.0	96.0	96.3	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
	90.5	94.0	94.7	95.4	96.4	96.8	97.0	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
	90.5	94.1	94.8	95.6	96.8	97.1	97.7	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.0	99.2	99.2	99.2	99.5	99.5	99.5
	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.0	99.2	99.2	99.2	99.7	99.7	99.7
	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.1	99.4	99.4	99.4	99.8	99.8	99.8
	90.5	94.1	94.8	95.6	96.8	97.1	98.1	98.5	98.5	99.1	99.4	99.4	99.4	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

07-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	71.1	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥2000	73.7	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥1800	73.7	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥1600	73.7	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥1400	74.0	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥1200	75.7	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥1000	78.0	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥800	78.1	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥600	78.6	79.9	79.9	79.9	80.0	80.0	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥400	78.9	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥200	79.7	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥100	80.3	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥50	80.9	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥25	81.6	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥15	82.6	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥10	83.1	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥5	84.5	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥3	86.0	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥2	86.4	88.1	88.1	88.2	88.3	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥1	87.3	90.2	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥0.5	87.6	90.7	90.8	90.9	91.0	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥0.25	87.8	91.4	91.6	91.7	91.8	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥0.15	88.1	92.1	92.3	92.4	92.7	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥0.1	88.1	92.6	93.1	93.2	93.4	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥0.05	88.2	93.1	93.7	94.2	94.5	94.8	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥0.025	88.5	93.4	94.2	94.6	95.0	95.4	95.7	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3
≥0.015	88.5	93.4	94.2	94.7	95.4	95.7	96.0	96.3	96.3	96.4	96.5	96.8	96.8	96.8	96.8	96.8
≥0.01	88.5	93.4	94.4	95.1	95.9	96.2	96.7	97.0	97.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8
≥0.005	88.5	93.5	94.5	95.6	96.4	96.9	97.4	98.1	98.3	98.4	98.7	98.9	99.1	99.1	99.1	99.1
≥0.0025	88.5	93.5	94.7	95.8	96.7	97.2	97.7	98.4	98.6	98.9	99.2	99.5	99.7	99.7	99.7	99.8
≥0.001	88.5	93.5	94.7	95.8	96.7	97.2	97.7	98.4	98.6	98.9	99.2	99.5	99.7	99.7	99.7	99.9
≥0.0005	88.5	93.5	94.7	95.8	96.7	97.2	97.7	98.4	98.6	98.9	99.2	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13945

FT SILL AAF OK

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
NO. OF OBS.	66.5	67.4	67.7	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2
≥ 20000	70.8	71.9	72.2	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 18000	70.8	71.9	72.2	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 16000	70.8	71.9	72.2	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 14000	71.1	72.2	72.5	72.5	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 12000	72.7	73.8	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 10000	74.2	75.3	75.6	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2
≥ 9000	74.5	75.6	75.9	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5
≥ 8000	75.5	76.7	77.0	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6
≥ 7000	76.0	77.2	77.5	77.5	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
≥ 6000	76.5	77.8	78.0	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 5000	77.2	78.5	78.8	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 4500	77.8	79.2	79.5	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1
≥ 4000	78.5	79.9	80.2	80.3	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8
≥ 3500	79.3	80.8	81.1	81.2	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 3000	80.2	81.8	82.1	82.2	82.3	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9
≥ 2500	81.6	83.3	83.7	83.9	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 2000	83.3	85.1	85.6	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5
≥ 1800	84.0	85.9	86.5	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1500	85.6	88.0	88.6	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6
≥ 1200	86.4	89.4	90.1	90.3	90.6	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 1000	86.8	90.1	91.0	91.4	91.7	91.9	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5
≥ 900	87.0	90.6	91.5	92.0	92.3	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.2
≥ 800	87.1	91.0	92.0	92.6	93.1	93.3	93.6	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0
≥ 700	87.2	91.3	92.5	93.2	93.7	93.9	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6
≥ 600	87.3	91.5	92.7	93.5	94.2	94.5	94.9	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.5
≥ 500	87.3	91.6	93.0	93.8	94.6	95.1	95.5	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.3
≥ 400	87.4	91.7	93.1	94.1	95.1	95.6	96.1	96.5	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.2
≥ 300	87.4	91.8	93.2	94.4	95.5	95.8	96.7	97.2	97.3	97.7	97.9	98.0	98.1	98.1	98.2	98.3
≥ 200	87.4	91.8	93.3	94.4	95.6	96.0	96.9	97.6	97.6	98.1	98.5	98.5	98.7	98.8	98.9	99.1
≥ 100	87.4	91.8	93.3	94.4	95.6	96.0	96.9	97.7	97.8	98.2	98.7	98.7	98.9	99.1	99.3	99.5
≥ 0	87.4	91.8	93.3	94.4	95.6	96.0	96.9	97.7	97.8	98.2	98.7	98.8	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13945 FT SILL AAF OK

7-70, 73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	62.7	64.3	64.7	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
≥ 18000	67.6	69.4	69.8	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4
≥ 16000	67.7	69.5	69.9	70.1	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 14000	67.8	69.6	70.0	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
≥ 12000	68.2	70.0	70.4	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
≥ 10000	69.5	71.3	71.8	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 9000	72.1	74.1	74.5	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
≥ 8000	72.6	74.6	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
≥ 7000	74.4	76.5	77.0	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 6000	75.2	77.4	77.9	78.2	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 5000	76.1	78.4	78.9	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7
≥ 4500	77.3	79.7	80.3	80.6	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 4000	78.2	80.7	81.3	81.6	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 3500	79.4	82.1	82.8	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 3000	80.2	83.1	83.7	84.1	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 2500	81.2	84.1	84.8	85.2	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.9
≥ 2000	82.3	85.5	86.2	86.6	86.9	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1800	83.6	87.0	87.8	88.3	88.6	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
≥ 1600	84.0	87.6	88.4	88.9	89.2	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1400	85.0	89.0	90.0	90.5	90.8	90.9	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	85.7	90.0	91.1	91.7	92.1	92.2	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7
≥ 1000	86.2	91.0	92.2	92.8	93.3	93.3	93.6	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0
≥ 900	86.4	91.3	92.7	93.3	93.8	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 800	86.6	91.8	93.2	94.0	94.5	94.7	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	86.7	92.1	93.6	94.4	95.1	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 600	86.7	92.3	93.9	94.8	95.5	95.8	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 500	86.8	92.5	94.2	95.2	96.1	96.4	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4
≥ 400	86.9	92.6	94.4	95.5	96.5	96.9	97.4	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2
≥ 300	86.9	92.6	94.5	95.6	96.8	97.2	97.7	98.2	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.9
≥ 200	86.9	92.6	94.5	95.7	96.8	97.2	97.8	98.3	98.5	98.8	99.0	99.0	99.2	99.2	99.3	99.4
≥ 100	86.9	92.6	94.5	95.7	96.8	97.2	97.8	98.3	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.7
≥ 0	86.9	92.6	94.5	95.7	96.8	97.2	97.8	98.3	98.5	98.8	99.1	99.1	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 87633

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	38.1			17.2						9.0	35.7	4.9	645
	03-05	36.0			17.9						7.6	37.9	5.0	647
	06-08	26.7			19.9						13.4	39.9	5.8	647
	09-11	20.6			19.2						20.2	39.3	6.3	647
	12-14	20.0			25.4						18.2	36.5	6.0	650
	15-17	16.9			28.1						17.5	37.5	6.2	651
	18-20	24.0			27.0						16.1	32.9	5.5	651
	21-23	35.1			21.5						10.9	32.5	4.9	650
TOTALS		27.3			22.1						14.1	36.5	5.6	5188

FORM
101-64

FORM 0.9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

FEB
MONT

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	44.4			13.9						11.5	30.1	4.5	581
	03-05	39.4			15.5						10.8	34.4	4.9	576
	06-08	26.6			20.9						17.7	34.8	5.7	583
	09-11	20.1			20.3						18.9	40.7	6.4	587
	12-14	19.2			19.6						23.0	38.3	6.5	588
	15-17	21.0			22.2						20.0	36.9	6.2	591
	18-20	21.9			27.4						17.3	33.5	5.7	585
	21-23	36.7			19.4						11.1	32.8	4.9	583
TOTALS		28.7			19.9						16.3	35.2	5.6	4674

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13945
STATION

FT SILL AAF OK
STATION NAME

73-78
PERIOD

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	42.4			17.0						11.0	29.1	4.4	557
	03-05	36.3			18.0						13.3	32.5	5.0	557
	06-08	19.9			24.1						19.2	36.8	6.1	557
	09-11	15.2			23.1						22.9	38.7	6.6	558
	12-14	15.8			24.4						26.2	33.7	6.5	558
	15-17	15.9			29.7						25.8	28.6	6.1	555
	18-20	20.4			29.1						21.0	29.5	5.7	539
	21-23	39.5			18.6						16.1	25.8	4.6	547
	TOTALS	25.7			23.1						19.4	31.8	5.6	4428

SKY COVER

73-78

APR
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	37.8			18.5						12.2	31.5	4.8	540
	03-05	36.3			17.2						14.4	32.0	5.0	540
	06-08	23.2			21.3						22.8	32.7	6.0	539
	09-11	20.2			23.7						23.3	32.8	6.1	540
	12-14	18.2			25.7						28.1	28.1	6.1	538
	15-17	18.6			25.3						26.6	29.4	6.1	537
	18-20	20.0			30.5						23.0	26.5	5.6	535
	21-23	35.1			18.6						15.4	31.0	5.0	539
TOTALS		26.2			22.6						20.7	30.5	5.6	4308

SKY COVER

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	36.7			17.6						14.5	31.2	5.0	558
	03-05	31.9			18.0						15.3	34.8	5.4	555
	06-08	15.1			25.0						27.6	32.3	6.5	548
	09-11	18.7			23.2						30.7	27.5	6.2	557
	12-14	17.1			28.6						28.4	25.9	6.0	556
	15-17	15.2			31.6						28.7	24.5	6.0	554
	18-20	18.5			28.9						26.9	25.8	5.9	558
	21-23	33.6			21.2						15.8	29.4	5.0	557
TOTALS		23.4			24.3						23.5	26.9	5.8	4443

SKY COVER

JUN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	40.1			25.2						17.4	17.3	4.1	539
	03-05	32.4			30.7						18.7	18.1	4.4	540
	06-08	16.3			30.6						32.5	20.6	5.9	539
	09-11	18.0			35.4						28.8	17.8	5.4	539
	12-14	12.2			44.3						31.1	12.4	5.4	540
	15-17	14.1			50.3						26.9	8.7	4.8	539
	18-20	18.0			46.3						27.4	8.3	4.7	540
	21-23	29.6			38.9						19.6	11.9	4.1	540
TOTALS		22.6			37.7						25.3	14.4	4.9	4316

SKY COVER

JUL
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	48.6			29.0						10.5	11.9	3.0	555
	03-05	40.6			30.7						19.4	9.3	3.6	557
	06-08	17.1			43.2						25.5	14.2	5.0	556
	09-11	16.5			45.5						25.3	12.7	4.9	558
	12-14	3.2			52.7						34.9	9.1	5.5	558
	15-17	2.9			56.2						33.0	7.9	5.4	557
	18-20	10.6			53.8						23.6	12.1	4.9	556
	21-23	35.7			38.9						14.4	11.0	3.6	555
TOTALS		21.9			43.8						23.3	11.0	4.5	4452

SKY COVER

AUG
MONT

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	42.8			25.0						17.0	14.5	3.8	558
	03-05	37.6			29.7						18.5	14.2	4.0	558
	06-08	20.4			36.6						23.5	19.5	5.2	558
	09-11	23.5			36.7						22.4	17.4	4.9	558
	12-14	10.0			42.7						35.3	12.0	5.7	558
	15-17	8.4			51.8						31.2	8.6	5.2	558
	18-20	16.7			47.0						26.7	9.7	4.8	558
	21-23	32.4			38.2						14.3	15.1	3.9	558
TOTALS		24.0			38.5						23.6	13.9	4.7	4464

FORM 0.9-5 (OLI)
JUL 44

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

SEP
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	34.4			24.1						14.6	26.9	4.7	540
	03-05	32.7			25.6						14.5	27.3	4.8	539
	06-08	16.3			30.2						24.3	29.1	6.0	539
	09-11	16.1			30.9						21.7	31.3	6.0	540
	12-14	12.4			34.4						24.8	28.3	6.1	540
	15-17	14.4			35.0						28.7	21.9	5.8	540
	18-20	21.5			36.9						20.9	20.7	5.1	540
	21-23	34.2			30.1						14.3	21.4	4.3	538
TOTALS		22.8			30.9						20.5	25.9	5.4	4316

USAFETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 84

SKY COVER

OCT
 MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JCT	00-02	54.9			13.5						11.1	20.5	3.5	557
	03-05	50.5			14.6						13.5	21.4	3.8	556
	06-08	33.6			24.1						16.6	25.5	4.8	553
	09-11	30.7			26.2						21.2	21.9	4.9	557
	12-14	30.3			26.5						22.4	18.8	4.8	558
	15-17	31.5			30.1						17.0	21.3	4.6	558
	18-20	40.1			25.3						14.5	20.1	4.1	558
	21-23	52.9			15.1						9.7	22.4	3.6	558
TOTALS		40.6			22.2						15.8	21.5	4.3	4455

USAFETAC FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

NUV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JULY	00-02	42.2			17.0						8.8	32.1	4.5	536
	03-05	38.4			15.0					8.3	37.5	5.0	531	
	06-08	24.0			20.4					17.4	38.2	6.0	534	
	09-11	19.8			23.5					19.8	36.9	6.2	540	
	12-14	18.5			29.4					20.7	31.3	5.9	540	
	15-17	19.1			28.0					24.6	28.3	5.9	540	
	18-20	30.5			22.1					17.7	29.7	5.2	538	
	21-23	44.6			13.4					12.8	29.2	4.5	538	
TOTALS		29.6			21.2						16.3	32.9	5.4	4297

USAFETAC FORM 0-9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

13945
STATION

STATION NAME

73-78

PERIOD

DEC

MONTH

3

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SKY COVER

13045
STATION

FT SILL AAF OK
STATION NAME

73-79
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	27.3			22.1						14.1	36.5	5.6	5188
FEB		28.7			19.9						16.3	35.2	5.6	4674
MAR		25.7			23.1						19.4	31.8	5.6	4428
APR		26.2			22.6						20.7	30.5	5.6	4303
MAY		23.4			24.3						23.5	28.9	5.8	4443
JUN		22.6			37.7						25.3	14.4	4.9	4316
JUL		21.9			43.8						23.3	11.0	4.5	4452
AUG		24.0			38.5						23.6	13.9	4.7	4464
SEP		22.8			30.9						20.5	25.9	5.4	4316
OCT		40.6			22.2						15.8	21.5	4.3	4455
		29.6			21.2						16.3	32.9	5.4	4297
DEC		31.0			27.7						16.2	25.1	4.8	4451
TOTALS		27.0			27.8						19.6	25.6	5.2	53792

USAFETAC

FORM
JUL 64

0-9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
 - b. Extreme minimum temperature
- NOTE:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}\text{F}$ from directly converted values but excludes no Fahrenheit values.

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

CLIMATE CLIMATOLOGY BRANCH
 USAF TAC
 AIR PLANTER SERVICE/AC
 13945 FI SILL AAF OK
 STATION STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.1	.2						.0
105					.1	.7	.5	4.2	.2				.7
100			.1		.6	7.0	22.4	21.3	3.8	.1			4.7
95			.2	.7	4.1	24.8	55.2	46.7	16.7	1.2			12.6
90			1.4	3.7	14.3	53.2	76.0	73.8	36.4	7.2			22.5
85		.2	4.5	12.2	34.0	76.3	91.6	70.2	57.7	18.6		.1	32.4
80	.2	2.1	10.6	28.1	58.7	91.3	97.7	97.2	74.0	37.3	3.7	.5	42.0
75	1.3	6.5	20.1	48.0	78.2	96.1	99.7	99.5	86.8	53.9	13.4	1.8	50.7
70	6.5	13.0	33.1	65.1	90.5	99.0	100.0	99.9	94.1	72.7	23.1	6.2	59.3
65	14.0	25.5	48.7	80.7	96.0	99.7		100.0	97.8	85.3	43.2	14.4	67.3
60	25.4	39.8	62.4	90.2	98.5	100.0			99.3	93.4	59.4	28.8	75.0
55	37.0	51.0	74.6	96.2	99.5				100.0	97.1	73.4	46.1	81.4
50	50.4	65.6	83.5	98.8	99.9					99.0	84.0	63.0	87.1
45	64.5	76.2	90.4	99.7	100.0					99.3	92.2	77.0	91.7
40	74.7	86.2	96.2	99.9						100.0	94.0	85.5	94.9
35	82.5	92.2	98.9	100.0							94.9	92.4	97.1
30	90.4	96.1	99.6								100.0	96.7	98.6
25	94.5	99.1	99.8									99.1	99.4
20	97.6	100.0	100.0									100.0	99.8
15	99.8												100.0
10	100.0												100.0
5													
0													
MEAN	48.9	54.4	63.1	73.2	80.7	89.4	94.4	93.7	85.4	75.3	61.4	52.6	72.7
S D	13.986	13.424	13.137	9.878	8.553	7.291	6.579	6.881	9.206	10.006	11.253	11.575	18.822
TOTAL OBS	930	847	730	900	930	900	830	430	900	750	700	730	10937

2

GENERAL CLIMATE DATA

STATION NAME

AIR (AMPER SERVICE) / AC

1945 FEB 5101 AAF AK

STATION

STATION NAME

1-76

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

1-11

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95						1.7	0.1	0.2					1.7
90						20.1	47.3	56.2	6.7	1.1			9.5
85				.1	1.7	20.1	77.3	73.1	30.7	1.1			20.6
80				.7	8.2	20.1	93.8	95.1	55.4	11.7			31.2
75			.8	6.2	27.2	78.7	94.8	95.1	75.6	27.4			40.1
70			4.6	21.0	56.2	93.8	99.5	98.9	75.6	27.4			48.6
65	.2	1.9	10.2	42.1	80.6	98.2	100.0	99.8	91.0	48.3	7.4	.1	56.8
60	1.9	5.7	23.8	64.9	92.2	100.0		100.0	97.0	71.3	19.1	2.5	64.4
55	6.5	15.3	40.1	80.8	94.2				99.6	86.8	35.4	7.4	72.7
50	16.1	31.5	59.7	93.3	99.6				100.0	95.4	58.7	20.8	81.0
45	31.9	49.9	75.3	97.2	100.0					99.7	74.0	41.4	88.0
40	51.8	65.6	86.9	99.6						99.3	88.3	63.4	93.4
35	66.3	81.1	95.2	99.5						100.0	95.8	62.0	96.4
30	78.3	90.9	98.4	100.0							98.7	90.9	98.3
25	87.5	95.7	99.2								100.0	96.6	99.3
20	93.7	97.1	99.9									98.6	99.8
15	97.5	99.0	100.0									100.0	100.0
10	99.7	100.0											100.0
5	100.0												100.0
MEAN	58.6	43.0	51.7	62.3	70.4	79.2	83.7	82.6	74.8	64.3	50.9	42.1	62.0
S D	11.197	10.331	10.380	8.367	7.053	5.921	4.711	5.032	7.368	8.363	9.270	9.001	17.724
TOTAL OBS	930	847	930	900	920	900	740	930	900	930	800	930	10937

USAF ETAC FORM 0215 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945
STATION

FT SILL AAF OK
STATION NAME

1979

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
49			78	89	93	100	103	101	96	93	82	70	
50	83	77	81	95	90	97	93	98	93	93	83	78	98
51	74	82	88	91	98	96	102	108	108	100	81	80	108
52	78	79	86	89	99	101	102	108	101	94	83	70	108
53	76	71	86	90	105	112	103	109	105	95	73	64	112
54	73	83	89	97	89	99	109	106	103	95	81	81	109
55	69	79	91	95	95	98	100	102	96	86	82	87	102
56	70	85	92	93	99	108	106	109	104	96	80	78	109
57	76	82	81	84	87	99	106	103	97	90	78	72	106
58	64	71	68	90	102	105	100	103	99	92	79	70	105
59	73	78	90	95	95	100	95	102	99	86	76	70	102
60	70	77	88	93	91	104	102	102	99	90	78	66	104
61	66	76	85	91	91	95	102	101	101	86	76	68	102
62	72	84	83	87	92	93	99	108	97	90	74	72	108
63	68	79	91	93	101	97	104	105	100	93	83	67	105
64	76	63	83	92	91	97	106	109	98	89	79	69	109
65	75	77	74	88	86	93	103	101	103	94	83	74	103
66	68	67	92	90	97	97	106	107	91	93	82	82	107
67	80	74	93	91	98	101	104	103	92	89	80	71	104
68	70	66	79	93	91	96	97	102	95	91	80	68	102
69	73	76	80	86	94	98	103	106	95	90	79	76	106
70	74	78	79	85	90	102	108	108	104	91	83	78	108
71	75	79	101	90	99	103	110	97	95	86	80	70	110
72	73	85	86	99	90	106	102	101	97	96	76	74	106
73	67	73	75	80	95	97	103	104	95	90	84	77	104
74	72	76	96	84	100	103	111	101	95	84	76	70	111
75	72	73	85	86	86	96	96	99	96	91	81	75	99
76	69	80	89	83	89	99	100	104	95	91	74	72	104
77	59	76	83	83	92	97	105	102	104	88	77	75	105
78	67	72	85	88	93	102	104	99	97	92	81	72	104
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

ET SILL AAF OK
STATION NAME

49-79-
YEAR

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945 STATION ET SILL AAF OK STATION NAME

49-79

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			27	33	49	63	66	59	44	33	27	23	
50	9	20	17	34	49	53	64	60	52	45	14	5	5
51	6	2	23	31	48	53	62	63	49	35	19	9	2
52	17	26	23	29	42	60	57	70	52	32	23	22	17
53	8	18	29	34	44	63	60	59	53	35	28	15	6
54	9	24	22	30	35	50	70	66	52	32	30	14	9
55	22	13	16	38	56	52	68	61	57	36	17	18	13
56	14	17	21	32	50	58	63	54	51	37	18	17	14
57	14	26	25	24	42	57	69	64	49	26	24	15	14
58	19	10	27	36	49	56	62	60	48	40	23	7	7
59	0	15	24	34	52	60	65	61	49	34	13	26	0
60	15	11	10	37	38	60	62	61	55	35	26	19	10
61	11	22	31	33	42	56	58	55	48	40	30	10	10
62	-1	11	13	32	46	59	69	55	47	37	30	15	-1
63	2	17	26	46	45	63	68	63	45	45	30	12	2
64	8	21	22	34	49	51	65	58	43	37	20	8	8
65	18	11	12	38	46	63	61	62	50	41	28	29	11
66	0	16	25	35	41	58	69	57	49	36	27	15	0
67	14	20	13	41	44	61	65	60	43	37	29	21	13
68	6	17	22	34	48	58	65	61	51	37	28	6	6
69	14	25	21	40	46	52	66	68	56	37	22	12	12
70	11	23	29	27	42	53	59	64	50	36	22	21	11
71	13	13	21	34	49	67	61	59	44	43	31	27	13
72	6	15	26	36	49	57	60	67	44	38	29	11	6
73	9	22	35	32	45	58	67	64	54	38	32	17	9
74	12	23	25	39	52	60	68	69	49	46	25	20	12
75	19	18	28	26	50	56	64	66	45	38	18	10	10
76	7	19	24	36	44	57	62	66	47	29	15	10	7
77	-2	24	30	39	50	60	69	69	58	36	30	13	-2
78	8	6	14	39	44	59	66	61	55	38	30	13	6
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945
STATION

ET SILL AAF NK
STATION NAME

49-79.

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

13945 FT SILL AAF BK

STATION

FT SILL AAF BK

STATION NAME

A-70,73-79

144

MONTH

PAGE 2

0000-0,00
HOURS (L. S. T.)

USAFETAC FCM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

68-70, 73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF TX
STATION STATION NAME

68-70, 73-79

YEARS

JAN
MONTH

PAGE 2

0600-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 73-79

JAB

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1st
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

FT SILL AAF OK
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73											.1							1	1						
72/ 71										.2		.1						3	3						
70/ 69								.1										1	1						
68/ 67			.3		.2		.2	.1			.2		.1					11	11						
66/ 65			.1			.1	.1	.4	.1	.4	.3							15	15						
64/ 63		.3		.1	.1	.4	.3	.2	.2	.2	.1							19	19	3					
62/ 61		.2	.1	.1	.1	.3	.1	.3	.3	.2								17	17	5	5				
60/ 59		.2	.2	.5	.3	.3	.5	.6	.3	.2								31	31	4	4				
58/ 57			.5	.2	1.0	.1	.3	.5	.2	.2								29	29	5	2				
56/ 55			.6	.6		.8	.6	.6	.2									33	33	11	1				
54/ 53	.2	.2	.3	.8	.9	1.1	1.1	.5	.1									48	48	24	7				
52/ 51		.6	.1	.6	.5	1.2	.5	1.0										43	43	21	6				
50/ 49	.1	.3	.3	.4	.9	1.1	.5	.1										35	35	34	14				
48/ 47	.1	.6	.6	.8	1.0	.6	.6	.1										42	42	35	23				
46/ 45		.6	.9	.4	1.3	1.5	.5	.1										50	50	43	22				
44/ 43		.4	.8	1.6	1.1	.8	.3											46	46	50	13				
42/ 41	.2	1.2	.9	1.0	.4	.8	.2											43	43	54	17				
40/ 39	.2	2.8	1.6	1.0	1.0	.6	.1											68	68	63	36				
38/ 37	.2	1.3	1.8	.9	.6	.2												47	47	85	36				
36/ 35	.1	.5	1.0	.4	1.4	.2												34	34	66	53				
34/ 33	.5	1.8	.9	.9	1.0													47	47	47	32				
32/ 31	.4	.9	.8	1.1	.6	.3												38	38	63	66				
30/ 29	.6	.4	1.4	1.4	.8													43	43	33	79				
28/ 27	1.2	.2	1.5	.9	.6													41	41	38	59				
26/ 25	.4	.5	1.3	.6														27	27	45	57				
24/ 23	.2	1.2	1.0	.8	.1													30	30	47	35				
22/ 21	.1	1.2	1.5	.1														27	27	38	25				
20/ 19	.2	1.7	.5	.2														25	25	35	50				
18/ 17		1.2	.1	.2														14	14	28	44				
16/ 15		1.1	.5															15	15	20	38				
14/ 13		.2	.2															4	4	15	32				
12/ 11																				3	40				
10/ 9		.2																2	2	2	44				
8/ 7		.1																1	1	2	26				
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

USAFETAC FORM: 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

68-70, 73-79

JAN

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
74/ 73									.1			.1	.2					4		4							
72/ 71									.4	.2	.3	.1		.1				11		11							
70/ 69							.1	.2	.5	.1		.2	.1	.1				13		13							
68/ 67			.2		.1		.3	.1	.2	.6	.3	.2						20		20							
66/ 65		.1	.4	.2	.2	.6	.2	.6	.2	1.3		.2						39		39							
64/ 63		.1	.2		.2	.3	.1	.4	.1	.1								15		15	4						
62/ 61					.2	.4	.6	.2	1.0									23		23	5	5					
60/ 59			.1	.2		.4	.3	.1	.3	.3								17		17	5	3					
58/ 57		.2	.6	.2		.6	.6	.8	.2	.1								32		32	6	2					
56/ 55		.3	.2	.2	.9	.8	1.2	.9	.3	.1								43		43	25	3					
54/ 53		.3	.2	.3	.1	1.3	1.0	.9	.6									44		44	28	3					
52/ 51		.3	.3	.2	.6	.9	1.3	1.1	.1									45		45	25	9					
50/ 49		.4	1.0	1.0	.9	1.0	.8	.3	.1									50		50	35	17					
48/ 47		.1	.3	.4	.3	.9	.6	.3										28		28	41	18					
46/ 45		.4	1.6	.3	1.4	1.4	.5											53		53	48	10					
44/ 43		.8	1.3	1.1	.9	1.0	.3											49		49	53	14					
42/ 41	.3	.9	.8	.9	.6	.8	.4											43		43	69	36					
40/ 39		2.4	1.4	1.0	.6	.3	.1											54		54	61	33					
38/ 37		.4	.8	1.0	.2	.4												26		26	76	39					
36/ 35	.4	1.1	.8	.5	1.2	1.1												47		47	60	60					
34/ 33	.2	2.0	.4	1.2	1.1	.3												49		49	58	47					
32/ 31	.1	1.1	.1	2.0	.2	.9												41		41	45	59					
30/ 29	.3	.9	.9	1.2	.9													38		38	24	51					
28/ 27	.5	.9	.8	1.1	.1													31		31	26	67					
26/ 25	.3	1.3	.5	.5														25		25	48	56					
24/ 23		.3	1.0	.2	.2													16		16	41	44					
22/ 21		1.3	1.0	.5														26		26	33	42					
20/ 19		1.7	.8	.1														24		24	20	28					
18/ 17		.9	.2															10		10	23	50					
16/ 15		.9	.2															10		10	17	46					
14/ 13			.1															1		1	8	25					
12/ 11																					2	34					
10/ 9		.3																3		3	1	33					
8/ 7																					3	34					
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total									
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total				
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

68-70, 73-79

1A'

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK STATION NAME

A-71, 73-79

YEARS

1st
MONTH

PAGE 2 1500-2100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
2/-1																					5			
0/-1																					5			
-2/-3																					6			
-4/-5																					4			
-6/-7																					4			
-10/-11																					1			
-12/-13																					1			
TOTAL	3.8	27.7	19.1	20.9	12.9	8.0	3.8	2.2	.9	.4	.2	.2							930		930			
																		930		930				
Element (X)	Z _X ²	Z _X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.	3914256	57606	61.91	19.300	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1534083	36029	38.71	12.201	930		29.7	.6				93												
Wet Bulb	1162822	31404	33.81	10.498	930		39.0					93												
Dew Point	757110	23760	25.51	12.710	930	2.1	64.0					93												

13945
STATION

STAT	NAME
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PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1A'
MONTH

PAGE 2 2100-2400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13945 STATION FT SILL AAF OK S

R-71, 73-79

JAN
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL.

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
74/ 73									.0		.0	.0	.0					5	5													
72/ 71									.1		.0	.0						14	14													
70/ 69							.0	.0	.1	.0	.0	.0	.0	.0				16	16													
68/ 67			.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0				36	36													
66/ 65		.0	.1	.0	.0	.1	.0	.1	.1	.2	.0	.0						58	58													
64/ 63		.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0						55	55	8												
62/ 61		.1	.1	.1	.1	.1	.1	.1	.1	.2	.0	.0						67	67	17	12											
60/ 59	.0	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1							90	90	28	25											
58/ 57	.1	.3	.3	.1	.2	.1	.2	.3	.1	.1								127	127	40	30											
56/ 55	.0	.2	.3	.3	.2	.3	.3	.2	.1	.0								141	141	64	20											
54/ 53	.0	.3	.3	.3	.3	.4	.3	.2	.1									169	169	93	25											
52/ 51	.0	.3	.4	.2	.3	.4	.3	.3	.0									172	172	94	54											
50/ 49	.0	.6	.5	.4	.5	.6	.3	.1	.0									230	230	143	71											
48/ 47	.1	.8	.5	.6	.6	.5	.2	.1										247	247	171	98											
46/ 45	.1	1.1	.9	.7	1.0	.6	.2	.0										339	339	226	107											
44/ 43	.1	1.0	1.0	1.2	.9	.4	.1											356	356	286	137											
42/ 41	.2	1.3	1.3	1.3	.5	.3	.1											368	368	352	169											
40/ 39	.4	1.7	1.8	1.1	.7	.2	.0											437	437	392	191											
38/ 37	.7	2.4	1.6	1.1	.5	.1	.0											470	470	567	251											
36/ 35	.9	1.9	1.9	.9	.4	.2												466	466	585	290											
34/ 33	1.1	2.6	2.2	1.1	.4	.0												553	553	556	403											
32/ 31	.3	2.4	2.0	1.2	.2	.1												466	466	604	486											
30/ 29	.5	1.4	1.7	.8	.3													352	352	491	492											
28/ 27	1.0	1.5	1.7	.5	.1													364	364	401	492											
26/ 25	.6	2.4	1.4	.5	.0													362	362	418	505											
24/ 23	.2	1.6	1.4	.2	.0													264	264	404	375											
22/ 21	.3	2.5	1.2	.2														318	318	345	380											
20/ 19	.2	2.3	1.2	.2														284	284	332	398											
18/ 17	.1	1.9	.5	.1														191	191	294	370											
16/ 15	.0	1.8	.4	.0		</																										

PSYCHROMETRIC SUMMARY

• R-70, 73-79

STATION

STATION NAME

YIARS

1 hr.
MONTH

PAGE 2

ALL
HOURS (L. S.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

68-70, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0600

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
62/ 61		.1																1	1				
60/ 59		.1																1	1	1			
58/ 57			.1															1	1	1	2		
56/ 55		.2	.4															5	5	1	1		
54/ 53	.4	1.5	.2	.1			.1											20	20	7	4		
52/ 51	.2	.7		.1	.1													10	10	18	14		
50/ 49		.7	.7				.4											15	15	8	10		
48/ 47	1.1	.1		.4	.5	.5	.4											24	24	18	18		
46/ 45		.2	.6	2.5	.6	.2	.1											36	36	5	4		
44/ 43	.6	2.1	.7	2.4	.5													53	53	15	11		
42/ 41	.6	2.6	2.8	1.2	.5													65	65	28	16		
40/ 39	.6	3.5	1.3	1.2	.5	.1												61	61	75	29		
38/ 37	.5	3.7	1.5	1.7														62	62	87	23		
36/ 35	1.7	5.8	1.5	1.1	.2													87	87	77	54		
34/ 33	.7	1.8	3.9	1.3														65	65	75	61		
32/ 31	1.1	3.8	4.1	.6														81	81	56	88		
30/ 29	2.2	2.8	1.4															55	55	96	47		
28/ 27	.9	3.2	1.5	.1														49	49	84	60		
26/ 25	.7	2.6	1.4	.2														42	42	44	79		
24/ 23	.4	2.6	1.2															35	35	39	66		
22/ 21	.2	3.2	.2															31	31	48	51		
20/ 19	.5	1.3	.6															20	20	25	66		
18/ 17		.7																6	6	10	39		
16/ 15		.7																6	6	10	32		
14/ 13	.2	.6																7	7	5	17		
12/ 11	.1	.1																2	2	6	21		
10/ 9		.1																1	1	1	11		
8/ 7	.6																	5	5	6	6		
6/ 5																						4	
4/ 3																						9	
2/ 1																						3	
TOTAL	13.2	45.0	24.3	12.8	2.8	.8	.9											846	846	846	846		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature						\bar{z}						
Rel. Hum.	5132939		64627		76.4		15.230		846		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	1089614		29380		34.7		9.056		846				33.8										84
Wet Bulb	936744		27210		32.2		8.537		846				42.7										84
Dew Point	728878		23328		27.6		10.066		846				59.5										84

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

68-70, 73-74

FEA

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 74

PSYCHROMETRIC SUMMARY

FEB

YEARS

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

 $\Gamma \in \mathbb{R}$

YEARS

MONTH

1200-1400

HOURS (L. S. - T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB

YEARS

MONTH

1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

58-70, 73-79

1 EB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
 MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F)																													TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
78/ 77									.1			.1				.1		3	3														
76/ 75							.1		.2					.1		.1		5	5														
74/ 73								.1	.1	.1								3	3														
72/ 71						.1	.1	.5	.1		.1		.1					9	9														
70/ 69					.4	.2	.4		.4			.1	.1					13	13														
68/ 67					.1	.5		.1	.4	.4	.2	.2	.4					19	19														
66/ 65				.1		.5	.2	.5	.1	.4	.5	.4	.2					24	24														
64/ 63			.1	.1	.1		.5	.5		.1	.2	.1						15	15	1													
62/ 61			.2	.2	.4	.4	.5	.6	.5	.6	.5	.2						34	34	7													
60/ 59			.1	.5	.2	.2	.4		.5	.2	.1							19	19	13													
58/ 57			.2	.2	.4	1.1	1.1	.8	.4	.1								36	36	13	4												
56/ 55		.2	1.1	.4	.9	.4	.5	.9	.2	.2								41	41	11	6												
54/ 53		.4	.7	1.2	.9	.9	.9	.7	.1									50	50	19	2												
52/ 51		1.3	.5	.8	.9	1.4	1.3	.5										57	57	30	16												
50/ 49	.4	.6	.9	.9	.6	1.5	1.1	.1	.2									54	54	51	33												
48/ 47	.2	.6	.5	1.8	1.3	2.1	.6	.1										61	61	50	21												
46/ 45	.2	1.1	.7	1.3	2.1	.6	.2											53	53	60	26												
44/ 43	.2	.9	.6	.8	1.9	.5	.1	.1										44	44	73	20												
42/ 41		1.5	1.1	.7	.5	.6	.4											40	40	71	29												
40/ 39		2.0	.6	.9	.4	.1												34	34	78	47												
38/ 37	.4	.9	.8	1.2	.6	.4												36	36	79	41												
36/ 35	.6	.6	1.4	.9	.5													36	36	45	58												
34/ 33	.8	.5	1.7	.4	.2													30	30	50	48												
32/ 31	.5	1.4	1.9	.4	.1													36	36	32	42												
30/ 29	.1	1.1	1.2	.5														24	24	51	52												
28/ 27	.4	1.4	1.2	.1														26	26	30	49												
26/ 25	.2	.7	.6	.1														14	14	32	74												
24/ 23	.4	.5	.6															12	12	22	61												
22/ 21	.4	.1																4	4	10	53												
20/ 19	.1	.7																7	7	7	50												
18/ 17		.1																1	1	4	24												
16/																																	

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

68-70, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71									.1									1	1				
70/ 69					.1				.2									3	3				
68/ 67				.1								.1						2	2				
66/ 65				.6	.1	.2		.2										10	10				
64/ 63					.4		.2			.1								6	6				
62/ 61				.2	.1	.2	.1				.1	.1						8	8	2			
60/ 59		.1	.4	.6	.1	.1	.1	.1	.2	.2	.1							18	18	5			
58/ 57		.1	.1	.4	.7	.7	.2	.1	.5	.2	.1							27	27	5	2		
56/ 55		.2	.4	.2	.4	.5	.5		.1									19	19	10	6		
54/ 53		.4	.1	.2	.4	.5	.5	.7		.1								24	24	14	6		
52/ 51	.1	.7	.7	.9	.4	.6	1.1											38	38	18	10		
50/ 49	.2	1.8	1.2	.4	.4	.7	.4											42	42	25	18		
48/ 47	.5	1.1	1.5	1.4	1.9	.9	.2	.2										66	66	34	20		
46/ 45	.6	1.3	1.5	1.9	1.4	.7												63	63	49	21		
44/ 43	.2	1.8	1.5	1.5	2.0	.2												62	62	47	24		
42/ 41	.1	3.0	1.5	2.3	1.3	.4												72	72	61	31		
40/ 39	.1	2.0	.6	2.1	1.1	.2												54	54	94	50		
38/ 37	.5	2.4	1.4	1.8	.2	.5												57	57	76	36		
36/ 35		1.7	3.0	1.5	.5													56	56	65	50		
34/ 33	.7	1.8	1.9	.8														44	44	76	56		
32/ 31	.1	1.9	2.1	.5														39	39	50	50		
30/ 29	.5	2.0	.7	.4														30	30	65	43		
28/ 27	1.4	2.3	.9															39	39	49	71		
26/ 25		1.5	.5	.1														18	18	28	95		
24/ 23	.1	1.2	.9															19	19	28	52		
22/ 21		.8	.2															9	9	11	39		
20/ 19	.7	.2																8	8	21	63		
18/ 17		.1																1	1	1	33		
16/ 15		.8																7	7	5	17		
14/ 13		.1																1	1	3	14		
12/ 11																				1	15		
10/ 9																					11		
8/ 7																					7		
6/ 5																					2		
Element (X)	Σ X ²		Σ X		X		e _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

2100-2,000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

8-70, 73-79

FFP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

All 11

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

51 AR
MONTH

YEARS

MONTH

HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

13945
STATIC

FT SILL AAF OK

67-70, 73-78

YEARS

11AP
MONTH

PAGE 2

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HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR
MONTH

MONTH

0600-0400

HOURS 12 - 5 - 10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
68/ 67			.2															2	2													
66/ 65		.2		.1		.2												5	5	2												
64/ 63		.6	.3	.1	.1		.1	.1		.1								14	14	3												
62/ 61	.2	1.0	.3	.3	.2		.1	.1	.2									23	23	10												
60/ 59	.6	1.4	.1	.1			.3		.1									25	25	21												
58/ 57	.2	1.5	.6	.9	.1	.3												34	34	18												
56/ 55	.3	1.6	1.0	.9	.5	.5	.2			.1								48	48	25												
54/ 53	.4	2.4	1.1	1.1	1.1	.4			.3									63	63	35												
52/ 51		.4	1.5	.2	.6													26	26	31												
50/ 49	.2	2.6	1.4	1.1	.9	.1		.1										59	59	37												
48/ 47	.2	4.0	1.3	1.5	.9	.1	.1											75	75	65												
46/ 45	.3	1.7	2.0	2.0	.5	.3												65	65	72												
44/ 43		2.0	2.6	1.2	1.4	.2												69	69	45												
42/ 41	.2	2.7	2.2	2.4	.3													72	72	70												
40/ 39	.3	1.9	2.2	2.8	.5													72	72	80												
38/ 37	.1	2.3	1.7	1.9	.1													57	57	71												
36/ 35	.2	2.6	3.5	.8	.1													67	67	71												
34/ 33	.3	1.8	2.0	.5														44	44	80												
32/ 31	.3	1.8	1.8	.1														38	38	67												
30/ 29		1.0	1.1	.3														22	22	46												
28/ 27		1.0	1.5	.2														25	25	26												
26/ 25		.1	.8															8	8	16												
24/ 23		.4	.2															6	6	19												
22/ 21		.2	.1															3	3	9												
20/ 19		.2																2	2	3												
18/ 17		.1																1	1	2												
16/ 15		.3																3	3	1												
14/ 13		.2																2	2	4												
12/ 11																				1												
10/ 9																																
8/ 7																																
6/ 5																																
TOTAL	4.1	36.1	29.6	18.5	7.4	2.3	.9	.3	.6	.2								930	930	930												
Element (X)	Σx^2			Σx																												

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

4. WAF
MONTH

STATION

STATION NAME

YEARS

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

7-70, 73-78

MAF
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

1500-1700
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

14A:

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7-70, 73-78

13945
STATION

STATION NAME

YEARS

MAF
MONTH

PAGE 2 1800-2000

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

c. 7-70, 73-78

24
MON 11

PAGE 1 2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MAR
MONTH[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

ET SILL AAF OK
STATION NAME

7-70, 73-78
YEARS

MAR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. - W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
96/ 95																	.0			.0	3	3		
94/ 93																	.0			.0	4	4		
92/ 91																	.0			.0	3	3		
90/ 89												.0	.0	.0	.0	.0	.0			.1	18	18		
88/ 87											.0	.0	.0	.0	.0	.0	.0			.1	15	15		
86/ 85										.0	.0	.0	.0	.0	.0	.0	.0			.0	18	18		
84/ 83									.0	.0	.1	.0	.1	.1	.1	.0	.1			.1	32	32		
82/ 81							.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0			.0	37	37		
80/ 79						.0	.0	.1	.1	.1	.2	.1	.0	.1	.1	.0					56	56		
78/ 77					.0	.1	.1	.1	.0	.1	.2	.1	.1	.1	.1	.0					68	68		
76/ 75				.0	.1	.2	.2	.2	.2	.2	.1	.2	.1	.0	.1						107	107		
74/ 73			.0	.1	.2	.2	.2	.2	.2	.2	.1	.2	.1	.0	.0						125	125		
72/ 71		.0	.1	.1	.3	.2	.2	.2	.3	.1	.2	.1	.0								135	135		
70/ 69		.1	.1	.2	.3	.2	.3	.3	.3	.2	.1	.2	.0								179	179	4	
68/ 67	.0	.0	.2	.1	.4	.3	.4	.2	.4	.3	.2	.1	.1	.0							201	201	18	
66/ 65	.0	.1	.3	.3	.4	.4	.4	.5	.4	.3	.1	.1	.1								254	254	67	
64/ 63	.1	.4	.3	.4	.4	.5	.6	.4	.4	.3	.1	.1									289	289	137	
62/ 61	.1	.6	.5	.7	.5	.5	.5	.6	.2	.1	.1										345	345	150	
60/ 59	.2	.8	.6	.4	.5	.5	.5	.4	.3	.2	.0										327	327	235	
58/ 57	.3	.8	.8	.6	.6	.5	.8	.5	.3	.1	.1										397	397	327	
56/ 55	.2	.8	1.2	.8	1.0	.9	.6	.6	.2	.1											465	465	362	
54/ 53	.1	1.3	1.0	.8	.8	.8	.6	.5	.1	.0											455	455	384	
52/ 51	.1	.8	.9	.7	.7	.6	.5	.3	.0												335	335	507	
50/ 49	.1	1.5	1.2	.9	.8	.8	.4	.1	.1												432	432	456	
48/ 47	.0	1.7	1.1	1.2	.7	.6	.3														420	420	520	
46/ 45	.2	1.0	1.3	1.2	1.0	.5	.1	.0													390	390	567	
44/ 43	.1	1.5	1.3	1.0	1.2	.4	.1														409	409	496	
42/ 41	.0	1.1	1.0	1.4	.7	.3	.1														335	335	516	
40/ 39	.1	.8	1.3	1.2	.5	.3															320	320	468	
38/ 37	.2	1.1	1.2	1.2	.3	.1															295	295	435	
36/ 35	.2	1.8	1.6	.7	.3	.0															337	337	422	
34/ 33	.2	1.4	1.0	.5	.1	.0															236	236	451	
32/ 31	.0	.7	.9	.3	.1																152	152	322	
30/ 29	.3	.5	.3	.0																	88	88	204	
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF-ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MAR
MONTH

ALL

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

67-70, 73-78

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
72/ 71		.3	.3	.1		.1					.1							9	9		3						
70/ 69	.1	.8	1.1	.2	.2	.1												23	23		4						
68/ 67	.1	1.3	3.0	.8														47	47		15						
66/ 65	.2	2.4	1.3	1.6	.1	.1	.1		.1									54	54		29						
64/ 63	.1	1.3	1.7	.7	.3	.3			.1									41	41		50						
62/ 61	.3	3.3	1.8	2.1	1.0	.2		.1	.1									81	81		35						
60/ 59	.7	4.0	1.9	.9	1.6	.7		.2										89	89		73						
58/ 57	.1	2.6	4.1	1.3	1.1	.4												87	87		64						
56/ 55	.2	1.6	1.4	.6	1.6	1.2	.2											61	61		68						
54/ 53	.2	1.8	1.6	1.4	1.1	.7	.1											62	62		73						
52/ 51	.1	1.9	3.3	2.3	1.4	.3												87	87		53						
50/ 49		.8	2.1	2.1	.8	.1												53	53		52						
48/ 47		1.7	2.0	3.0	.9													68	68		76						
46/ 45		1.0	2.0	1.3	.1													40	40		77						
44/ 43		.4	1.3	.6														21	21		70						
42/ 41		.7	1.7	.9	.2													31	31		50						
40/ 39		.2	1.0	.4														15	15		34						
38/ 37		.6		.1														6	6		27						
36/ 35		.2	.1	.8	.1													11	11		16						
34/ 33			.6															5	5		7						
32/ 31																					3						
30/ 29	.1	.2	.1															4	4		14						
28/ 27	.3		.2															5	5		4						
26/ 25																					2						
24/ 23																											
22/ 21																											
20/ 19																											
18/ 17																											
TOTAL	2.7	27.1	32.9	21.2	10.6	4.3	.4	.3	.3		.1							900	900	900	900						
Element (X)	Σ x ²			Σ x			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum.	5261977			67617			75.11			14.225			900			Σ 0 F			Σ 32 F			Σ 67 F			Σ 73 F		
Dry Bulb	2790857			49519			55.0			3.586			900						.9			7.9					
Wet Bulb	2408734			45852			50.9			8.994			900						2.4			2.2					
Dew Point	2089963			42217			46.9			11.044			900						8.2			1.0					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

APR

STATION

STATION NAME

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PAGE 1 0600-0000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																				
74/ 73		.3																	3	3																				
72/ 71		.2	.2	.2															6	6																				
70/ 69		.3	1.1																13	13	3																			
68/ 67	.2	.7	2.2	.2		.2													32	32	10																			
66/ 65		3.1	2.8	.6	.2	.1		.2											63	63	29																			
64/ 63	.2	2.7	2.3	.7	.8	.2		.1	.1										64	64	45																			
62/ 61	.3	4.1	2.4	1.0	.8	.1	.2		.2										83	83	61																			
60/ 59	.6	3.3	2.0	1.2	.7	.4		.1											75	75	61																			
58/ 57	.1	2.1	2.3	1.1	1.4	.4	.6												73	73	62																			
56/ 55	.1	2.7	1.9	2.3	1.6	.6	.2	.1											85	85	64																			
54/ 53	.2	2.2	1.6	1.6	1.1	1.0	.1												70	70	62																			
52/ 51		1.3	2.7	2.2	.3	.7	.1												75	75	55																			
50/ 49	.1	.8	1.7	2.1	.9	.2													52	52	73																			
48/ 47		1.8	2.4	2.6	.6														66	66	81																			
46/ 45		.6	1.9	2.1	.6	.1													47	47	66																			
44/ 43		.2	1.0	.7	.1														18	18	63																			
42/ 41		.8	1.7	.6	.1														26	26	51																			
40/ 39	.2	.6	.6	.6															17	17	38																			
38/ 37		.3	.1	.2	.1														7	7	27																			
36/ 35		.3	.1	.3															7	7	12																			
34/ 33		.3	.3	.3															9	9	10																			
32/ 31			.2																2	2	4																			
30/ 29	.2			.1															3	3	11																			
28/ 27	.2		.1																3	3	5																			
26/ 25			.1																1	1	1																			
24/ 23																					2																			
22/ 21																																								
20/ 19																																								
18/ 17																																								
16/ 15																																								
TOTAL	2.6	28.6	22.8	60.3	9.2	4.1	1.2	.6	.3										900	900	900																			
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature										Total																			
Rel. Hum.	5314719		67915		75.5		14.529		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			90																					
Dry Bulb	2778636		49428		54.9		8.441		900			.9	5.4	.3					90																					
Wet Bulb	2404463		45815		50.9		8.963		900				2.3	1.6					90																					
Dew Point	2091608		42222		46.9		11.103		900				8.6	1.0					90																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

APP

STATION

STATION NAME

YEARS

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PAGE 1

0900-1100

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81												.1						1	1						
80/ 79				.1		.1	.1	.1	.1		.1	.1						7	7						
78/ 77			.1		.1	.2	.2	.3		.1				.1	.1			12	12						
76/ 75		.1	.1	.9	.9	.3	.8	.2	.2	.3	.2	.1	.1					39	39						
74/ 73		.2	.2	1.3	1.0	.3	.3	.2	.0	.1	.3		.1					43	43						
72/ 71		.2	.7	1.4	.9	.9	.7	.3	.4	1.0	.4	.1						64	64						
70/ 69		.2	2.7	1.2	1.9	.9	.7	.6	1.0	.6	.2							89	89	14	2				
68/ 67	.2	.2	2.0	1.3	.9	.6	.6	1.4	.8	.1	.2							75	75	43	12				
66/ 65		1.2	2.7	1.2	.8	1.0	1.2	2.1	.6	.4	.1							102	102	53	17				
64/ 63	.3	1.7	1.0	1.1	1.0	.7	1.3	1.1	.6	.1								80	80	70	65				
62/ 61	.3	1.8	.7	1.1	.9	1.7	1.6	.6	.1	.1								79	79	80	55				
60/ 59		.9	1.2	1.0	.8	1.6	.8	.4	.1									61	61	66	58				
58/ 57		.9	1.0	1.2	1.0	1.3	1.3	.4	.1									66	66	49	54				
56/ 55		.7	1.4	.7	1.4	.8	.6	.1	.1									52	52	79	42				
54/ 53		.9	.6	.9	.9	.4	.1	.2										36	36	92	47				
52/ 51		.7		.4	.8	.6	.1											23	23	87	45				
50/ 49		.4	.6	.8	.3	.1	.2											22	22	76	43				
48/ 47		.4	.2	.4	.4	.1												15	15	59	43				
46/ 45				.4		.3												7	7	41	46				
44/ 43				.1	.1	.1												3	3	27	42				
42/ 41			.2		.6													7	7	17	60				
40/ 39	.1	.3			.1													5	5	9	63				
38/ 37	.1	.2		.2	.1													6	6	7	58				
36/ 35	.1	.2																3	3	7	43				
34/ 33				.3														3	3	8	27				
32/ 31																				2	19				
30/ 29																				2	15				
28/ 27																				2	9				
26/ 25																					6				
24/ 23																					3				
22/ 21																					9				
20/ 19																					7				
18/ 17																					1				
16/ 15																					2				
Element (X)	ΣX ²			ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature						Total			
Rel. Hum.																≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

6-2428 2-1

YEARS

APR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-78

APP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87											.1							1	1					
86/ 85							.1	.1	.1	.1	.2		.3	.1	.1	.1		12	12					
84/ 83							.2	.2	.2	.2	.3	.1	.2	.3				17	17					
82/ 81					.1	.3	.7	.3	.4	.1	.4	.2	.3					27	27					
80/ 79					.4	1.0	1.1	1.3	.3	1.0	.3	.2	.2	.2	.4	.1		59	59					
78/ 77				.3	1.6	1.7	.8	1.0	.6	.6	.6	.7	.8	.4				80	80					
76/ 75		.2	.2	2.0	1.1	1.1	1.1	.6	1.4	1.1	.7	.1						87	87					
74/ 73	.1		1.4	.6	.6	.8	.4	.8	1.3	.4	1.0		.1					68	68	5				
72/ 71		.6	1.2	1.6	.2	.9	.6	1.0	1.3	1.2	.3	.2						82	82	22	2			
70/ 69	.2	1.1	1.3	.6	1.1	1.4	1.0	1.9	1.2	.6	.1							95	95	38	7			
68/ 67	.4	.7	.7	.7	.4	.4	.8	.9	.7	.4	.1							56	56	70	13			
66/ 65	.1	1.1	.7	1.0	.7	.8	1.8	.8		.1								63	63	71	44			
64/ 63	.9	.8	.2	1.1	.8	1.8	.9	.6										63	63	59	47			
62/ 61	1.3	.4	.8	.8	.6	.7	1.0	.2	.1									53	53	74	53			
60/ 59	.3	1.0	.2	.4	.9	.8	.2	.7										41	41	72	54			
58/ 57	.4	.7	.1	.2	.3		.1	.1										18	18	72	63			
56/ 55	.8	.1	.1	.3	.7	.1	.2											21	21	98	34			
54/ 53	.1	.1	.2	.2	.3	.2	.1											12	12	66	50			
52/ 51		.1	.2	.1	.2	.1	.1	.3										11	11	89	43			
50/ 49	.7		.2	.1			.1											10	10	49	48			
48/ 47	.3					.2	.2											7	7	33	40			
46/ 45						.2												2	2	19	51			
44/ 43					.2													2	2	14	34			
42/ 41		.2				.2												4	4	3	63			
40/ 39	.3	.1				.1												5	5	4	41			
38/ 37	.2																	2	2	13	56			
36/ 35	.1																	1	1	5	51			
34/ 33																					34			
32/ 31																				2	14			
30/ 29																				1	12			
28/ 27																					11			
26/ 25																					6			
24/ 23																					13			
22/ 21																					6			
Element (X)	Σ x ²				Σ x				Σ				Σ x				No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.																		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-70, 73-78

APP

STATION

STATION NAME

YEARS

MONTH

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1200-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
92/ 91													.1					1	1				
90/ 89										.1	.1	.3						5	5				
88/ 87											.2	.2	.3	.3				10	10				
86/ 85									.1	.1	.3	.3	.2	.1	.1	.1		13	13				
84/ 83						.2	.4	.7		.7	.3	.3	.2	.3	.4	.7		39	39				
82/ 81					.1	.2	.7	.7	1.2	.4	.3	.8	.1	.1				42	42				
80/ 79				.1	.2	1.0	1.7	1.9	.6	.7	.7	.9	.7	.4	.3	.2		84	84				
78/ 77				.1	.4	1.6	.8	1.0	1.0	.6	.7	1.2	.2	.1		.2		71	71				
76/ 75		.1		.2	1.4	1.1	.1	1.0	1.4	1.0	1.7	1.2	.4	.2				90	90				
74/ 73			.2	1.6	.4	.7	.4	.8	1.6	1.0	.9	1.0	.9	.1				86	86	7			
72/ 71			.6	1.0	.9	.3	1.7	.7	.8	1.7	.9	.3	.1					80	80	16	3		
70/ 69		.1	.8	.7	1.2	.4	.3	.7	.8	1.0	.1	.1	.1					57	57	29	7		
68/ 67		.2	.3	.9	.4	.3	.3	.8	1.6	.8	.1	.1						53	53	77	10		
66/ 65		.2	1.3	.8	.1	.7	1.4	1.4	1.6	.9								76	76	74	38		
64/ 63		.8	.1	.9	.4	.6	1.7	.9	.3	.6								56	56	65	43		
62/ 61		1.2	.7	1.1	.8	.2	.6	.2	.2	.2	.1							48	48	65	52		
60/ 59		.2	.1	.6	.3	.1	.3	.2	.2									19	19	90	58		
58/ 57		.3		.4	.2	.6	.4		.2									20	20	64	54		
56/ 55		.6	.1			.1	.2	.1										10	10	96	43		
54/ 53		.1	.1	.1		.1	.2	.2										8	8	95	44		
52/ 51		.3				.1	.2	.1	.1									8	8	82	46		
50/ 49		.2	.3		.1													6	6	56	46		
48/ 47		.3				.1												4	4	27	38		
46/ 45						.2	.2											4	4	12	50		
44/ 43							.1											1	1	9	50		
42/ 41																				7	37		
40/ 39		.2	.6															7	7	2	56		
38/ 37	.2																	2	2	10	50		
36/ 35																				4	40		
34/ 33																				3	35		
32/ 31																					25		
30/ 29																					21		
28/ 27																					12		
26/ 25																					11		
Element (X)	Σ x ²			Σ x			Σ			Σ ₂			No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

APR
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
90/ 89												.2						2	2							
88/ 87															.1			1	1							
86/ 85											.2	.3	.1					6	6							
84/ 83						.1				.2		.1	.2					6	6							
82/ 81					.1	.3	.2	.2	.6	.2				.1		.1		17	17							
80/ 79				.1	.2	.2	.6	.4	.4	.3	.2	.2	.1					26	26							
78/ 77			.1		1.1	.6	.9	1.3	.6	.3	.7	.1	.2			.1		54	54							
76/ 75		.1		.6	1.3	1.3	1.0	.7	.6	.1	.7	.4	.2		.1	.1		65	65							
74/ 73		.1	1.1	.8	.9	1.0	.6	1.2	.6	.7	.6	.1	.2	.1				71	71	5	1					
72/ 71		.6	1.1	.7	1.1	.7	1.6	1.0	.9	.7	.6	.4	.1					84	84	11	3					
70/ 69		.2	1.1	.8	.9	1.2	.7	.8	1.1	.8	.6		.4					77	77	29	6					
68/ 67		.3	1.1	1.1	.9	.4	1.6	.9	1.0	.4	.2							72	72	56	18					
66/ 65		.8	2.0	.7	.8	.9	1.3	1.9	1.3	.2	.1							90	90	59	31					
64/ 63		1.2	.7	.8	.6	1.6	1.9	.9	.6	.2	.1							76	76	61	42					
62/ 61		1.4	.4	1.0	.7	.6	1.9	1.0	.6	.2								70	70	67	41					
60/ 59		.8	1.1	.6	.4	1.6	.4	.2	.1	.1								48	48	30	66					
58/ 57		.3	.9	.4	.8	.7	.6	.1	.1									35	35	56	44					
56/ 55		.3	.1	.6	.8	.9	.7	.2	.1									33	33	23	56					
54/ 53		.4	.1	.2		.2	.7	.1										16	16	72	51					
52/ 51		.6	.3	.1	.1	.1	.1	.1										13	13	94	50					
50/ 49		.2	.3	.1	.1	.6												12	12	72	36					
48/ 47		.4	.1		.2	.1		.1										9	9	45	39					
46/ 45				.1			.1											2	2	29	60					
44/ 43						.3												3	3	13	44					
42/ 41						.1												1	1	13	50					
40/ 39		.3	.2		.2													7	7	7	54					
38/ 37		.3	.1															4	4	4	49					
36/ 35																				6	44					
34/ 33																				7	23					
32/ 31																				1	23					
30/ 29																						24				
28/ 27																						11				
26/ 25																						10				
24/ 23																						3				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total			
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

APR
MONTH

PAGE 2 1300-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-70, 73-78

APP
MONTH

PAGE 1 2100-2500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

67-79, 73-78

STATION

STATION NAME

YEARS

4 P. 12.

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-3 (Q1 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

67-70, 73-78

ΔΡΝ

STATION

STATION NAME

YEARS

MONTH

PAGE 4

A1.1

HOURS (L, S, T.)

3

MAY
 MONTH

STATION NAME

YEARS

MONTH

0000-0.00
HOURS (1 5 7)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13945
STATIC

FT SILL AAF NK

67-70, 73-78

MAY
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-70, 73-78

YEARS

2.75
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

67-70, 73-78

124Y

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

13945 FR SILL AAF NK
STATION STATION

67-70, 73-78

11AY
MCNTP

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
98/ 97										.1		.1						1	1						
96/ 95										.1			.1		.1		.1	4	4						
94/ 93								.1	.4	.1		.2		.1	.1	.2		17	12						
92/ 91							.1	.3	.2	.4	.2	.2	.2	.1	.1			18	18						
90/ 89							.2	.4	.9	.2	.1	.1	.1	.2				21	21						
88/ 87					.1	.1	.5	2.0	.6	.1	.2	.3	.1	.1	.1			41	41						
86/ 85					.2	.4	2.3	1.7	.9	.5	.3	.3	.2					62	62						
84/ 83					.2	.9	2.3	1.7	.8	.5	.3	.3	.1					66	66						
82/ 81			.1	.3	2.2	1.5	1.7	.2	.5	.4	.2	.2	.1					75	75						
80/ 79	.1	.1	.6	.9	1.9	2.2	1.1	.6	1.6	.8	.2	.2						94	94	5					
78/ 77	.1	.4	.4	1.5	2.0	1.2	.8	1.1	.6	.5	.2	.2						85	85	17	1				
76/ 75	.1	.4	1.0	2.7	1.2	1.3	1.0	1.2	.8	.9	.2	.2						99	99	33	4				
74/ 73		.1	.8	1.0	1.4	.8	1.4	.5	.4	.3	.2							64	64	80	13				
72/ 71		.8	1.1	.8	.9	.5	1.6	.5	.4									61	61	99	22				
70/ 69		1.6	1.2	1.1	.4	.9	.9	.3	.1									67	60	85	49				
68/ 67	.3	1.4	.4	.4	.3	.8	.8	1.1	.5									56	56	101	80				
66/ 65	.2	.9	.3	.2	.2	.8		.2	.2									28	28	107	88				
64/ 63	.4	.2	1.0		.3	.1		.2	.1									22	22	74	101				
62/ 61	.5	.3	.5	.1	.3	.1	.1	.3										22	22	84	80				
60/ 59	.3	.8	.1	.2	.4	.1	.1											19	19	64	65				
58/ 57	.2	.3		.1														6	6	62	55				
56/ 55	.1	.2	.1															4	4	43	42				
54/ 53	.3																	3	3	39	52				
52/ 51	.1																	1	1	22	45				
50/ 49		.1	.1															2	2	16	46				
48/ 47		.1	.1															2	2	5	47				
46/ 45		.2																2	2	6	26				
44/ 43																				2	21				
42/ 41																				2	32				
40/ 39																					16				
38/ 37																					12				
36/ 35																									

PSYCHROMETRIC SUMMARY

13945 F1 SILL AAF OK
STATION STATION NAME

7-70, 73-76

DAY
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-70, 73-78

: AY

PAGE: 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

~AY

MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

44 AY
MONTH

HOURS 11 5 7

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JAN 73)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

FT SILL AAF OK
STATION NAME

7-70, 73-78
YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
100/ 99												.0	.0	.0	.0									5	5		
98/ 97												.0	.0	.0	.0									7	7		
96/ 95									.0	.0	.0		.0		.0	.0	.0							14	14		
94/ 93								.0	.2	.1	.0	.1		.0	.1	.0								46	46		
92/ 91							.0	.1	.1	.1	.1	.1	.1	.1	.0	.0								51	51		
90/ 89							.1	.2	.3	.2	.1	.1	.0	.1	.1	.0								71	71		
88/ 87					.0	.1	.1	.6	.4	.3	.1	.1	.1	.1	.1	.0								141	141		
86/ 85						.2	.5	.6	.5	.3	.2	.1	.1	.1	.0									192	192		
84/ 83				.0	.2	.4	.8	.6	.3	.2	.2	.1	.1											205	205		
82/ 81			.0	.2	.3	1.0	.8	.6	.3	.2	.2	.1	.1	.0		.0								287	287		
80/ 79		.0	.1	.3	.7	1.1	.9	.5	.3	.5	.3	.1	.1		.0	.0								371	371		
78/ 77		.1	.2	.6	1.2	.9	.6	.3	.4	.3	.3	.2	.0											388	388	37	1
76/ 75		.1	.6	1.2	1.7	.8	.7	.5	.6	.3	.2	.1	.0		.0									501	501	125	13
74/ 73		.2	.9	1.8	1.0	.9	.5	.6	.4	.2	.1	.0												482	482	271	58
72/ 71		.4	1.7	2.2	1.1	.8	.5	.6	.3	.2	.0													589	589	477	102
70/ 69	.2	.7	2.4	1.5	1.0	.6	.5	.5	.4	.2														595	595	543	98
68/ 67	.1	1.2	2.5	1.0	1.0	.5	.6	.4	.2	.1	.0	.0												576	577	723	425
66/ 65	.2	1.3	3.0	1.1	.6	.7	.4	.3	.1	.1	.0													582	582	743	674
64/ 63	.2	2.6	1.9	1.3	1.0	.6	.4	.1	.1	.1	.0													610	610	720	725
62/ 61	.2	2.3	1.2	.8	.7	.4	.1	.1	.1	.1	.0													433	433	766	694
60/ 59	.0	1.6	1.3	.5	.5	.4	.1	.0	.0	.0	.0													330	330	689	724
58/ 57		1.1	1.3	.8	.4	.2	.1	.0	.0															281	281	563	533
56/ 55	.0	.5	.9	.6	.4	.1	.0	.0																201	201	461	486
54/ 53		.8	.8	.6	.2	.0	.0	.0																177	177	396	383
52/ 51	.0	.3	.7	.3	.1	.0	.1																	107	107	300	400
50/ 49	.1	.2	.4	.3	.0	.0	.0																	77	77	222	410
48/ 47		.2	.2	.1	.1	.0																		52	52	159	341
46/ 45		.1	.5	.0	.0																			48	48	88	389
44/ 43		.1	.1	.0	.0																			16	16	61	238
42/ 41		.0																						1	1	32	206
40/ 39																										14	164
38/ 37																										8	121
36/ 35																											42
34/ 33																											23
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total									
Ref. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

FT SILL AAF OK

STATION NAME

7-70, 73-78

YEARS

PAY

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
32/ 31																					22	
30/ 29																					17	
28/ 27																					17	
26/ 25																					7	
24/ 23																					7	
22/ 21																					4	
20/ 19																					6	
18/ 17																					2	
16/ 15																					1	
14/ 13																					1	
TOTAL	1.0	13.7	20.5	15.4	12.3	9.8	7.8	6.7	5.0	3.1	2.0	1.1	.6	.3	.3	.1	.1	7436	7437	7436	7436	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

3

YEARS

PAGE 1 0000-0200
HOURS (L. S. T.)

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13945
STAT

FT SILL AAF MK

. 7-70, 73-78

10:
MONTH

PAGE 1 0900-1100

0905-11.0
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

جواب

STATION

STATION NAME

YEARS

20
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
102/101														.1	.2		.1	4	4					
100/ 99												.1	.2	.6	.3		.2	14	14					
98/ 97									.1	.1	.3	.6	.4	.3	.2	.2		21	21					
96/ 95									.6	.8	1.3	1.7	.7	.2	.3			50	50					
94/ 93								.8	.4	3.4	2.7	.6	.2	.6	.4			84	84					
92/ 91							.7	1.0	3.7	2.9	1.0	.2	.6	.3	.1			94	94					
90/ 89						.1	1.7	2.3	3.1	2.4	.1	.6	.3	.2				98	98					
88/ 87					.1	.4	2.3	2.7	2.0	.9	.3	.8	.2	.1				89	89					
86/ 85					.1	1.1	2.4	2.4	.9	.4	.6	.6	.1					78	78					
84/ 83					.9	1.8	1.6	1.2	.8	1.1	.8	.9	.3					81	81					
82/ 81					.7	1.2	1.3	1.6	.8	.6	.6	.2	.1					63	63	4				
80/ 79			.2	1.3	2.0	.8	1.0	.3	.2			.1						54	54	26				
78/ 77			.3	1.7	1.2	.3	.2	.2	.4									40	40	62	2			
76/ 75			.3	.9	1.6	1.0	.4	.2	.7	.1								44	44	158	21			
74/ 73			.3	.9	.6	.3	.2	.4	.1	.1								27	27	171	28			
72/ 71			.8	.4	.3	.1	.4	.1	.1									21	21	126	66			
70/ 69			.6	.6	.2	.4			.1									17	17	74	125			
68/ 67			.2	.2	.2													6	6	85	135			
66/ 65			.2	.3														5	5	64	144			
64/ 63			.1	.2														3	3	47	93			
62/ 61		.3	.1		.1													5	5	23	66			
60/ 59		.1	.1															2	2	33	39			
58/ 57																				2	34			
56/ 55																				4	47			
54/ 53																				1	33			
52/ 51																					27			
50/ 49																					17			
48/ 47																					12			
46/ 45																					4			
44/ 43																					2			
42/ 41																					5			
TOTAL		.4	2.8	3.8	7.8	9.8	12.2	14.0	13.9	11.6	7.7	5.9	3.2	2.7	1.7	.3	.3	900	900		900			

PSYCHROMETRIC SUMMARY

MONITOR

1500-1700
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
102/101																		.1	1	1					
100/ 99															.2	.2	.3	.1	7	7					
98/ 97											.1	.1	.1	.4	.2	.1	.1	11	11						
96/ 95									.1	.2	.6	1.0	.6		.3		.1	26	26						
94/ 93								.3	.4	.9	1.1	1.6	.6	.2	.3	.1	.1	49	49						
92/ 91							.3	.4	.9	1.6	2.2	.9	.4	.6			.1	67	67						
90/ 89						.2	1.0	1.2	2.4	2.8	.6	.8	.6	.1			.1	88	88						
88/ 87						.4	1.2	2.9	3.4	1.2	.6	.1	.1	.2	.1			93	93						
86/ 85					.1	1.0	2.3	3.0	2.1	.6	.7	.1	.1	.1				91	91						
84/ 83				.1	.7	1.1	3.1	1.6	1.3	1.0	.4	.3	.2					89	89						
82/ 81					1.8	1.9	1.4	1.6	1.4	.6	.6	.2						85	85						
80/ 79				.4	1.3	2.3	1.8	.9	.3	.6	.6	.1						75	75						
78/ 77			.2	1.3	1.8	1.3	1.6	.4	.6	.1	.1							67	67	35					
76/ 75			.3	1.2	1.6	1.3	.8	.4	.4	.2								57	57	73					
74/ 73			.6	.7	.4	.3	.1	.4	.1	.1								25	25	108	20				
72/ 71	.2	.7	.6	.6	.6	.6	.2	.1	.1									27	27	108	44				
70/ 69		.2	.3	.1	.2	.2	.1											11	11	124	91				
68/ 67		1.1	.1	.2														13	13	111	130				
66/ 65		.1	.2		.3													6	6	71	147				
64/ 63			.3	.2		.1												6	6	39	100				
62/ 61		.1	.2	.1	.1													5	5	37	96				
60/ 59			.1															1	1	29	74				
58/ 57																				10	48				
56/ 55																				4	39				
54/ 53																				2	30				
52/ 51																						19			
50/ 49																						25			
48/ 47																						12			
46/ 45																						7			
44/ 43																						7			
42/ 41																						1			
40/ 39																						1			
38/ 37																						1			
36/ 35																						1			
34/ 33																						1			
32/ 31																						1			
30/ 29																						1			
28/ 27																						1			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (CI A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PSYCHROMETRIC SUMMARY

7-70, 73-78

STATION

STATION NAME

YEARS

108
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-75, 73-78

1054

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2500
HOUR, (L. S. T.)

PSYCHROMETRIC SUMMARY

7-70, 73-78

PAGE 1

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7-70, 73-78

40

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

3

7-70, 73-78

STATION

STATION NAME

$$\overline{Y_1} \quad \overline{HS}$$

149
MON

PAGE 1

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

67-70, 73-78

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STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

67-70, 73-76

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point		
106/105																	.1	1	1					
104/103																	.1	1	1					
102/101																.1	.3	4	4					
100/ 99															.3	.2	.1	6	6					
98/ 97												.8	.3	.2	.4			16	16					
96/ 95											1.3	1.5	.6	.3	.1			36	36					
94/ 93									.2	1.7	2.8	1.1	.3					57	57					
92/ 91							.8	2.7	2.0	2.0	.5	.1						85	85					
90/ 89						1.0	2.9	3.7	1.4	.6	.1							90	90					
88/ 87					.2	2.7	4.2	3.3	.6	.1								104	104					
86/ 85				.1	2.6	5.4	2.3	.8	.3									106	106					
84/ 83			.2	2.2	4.5	3.1	1.0	.4	.1									107	107					
82/ 81			.4	2.4	2.8	1.2	1.0	.2	.2	.1								77	77					
80/ 79		.1	2.8	2.8	2.0	.8	.3		.1									83	83					
78/ 77		.3	1.6	1.7	.6	.8	.2	.2										53	53					
76/ 75	.1	1.0	1.0	1.0	.4	.1	.2	.1										36	36	204				
74/ 73	.3	1.2	.9	.2	.4	.1	.2											31	31	304				
72/ 71	.3	.8	.1	.3	.1	.1												16	16	191				
70/ 69	.3	.8	.1	.1	.1													13	13	93				
68/ 67		.4		.1														5	5	51				
66/ 65		.2																2	2	25				
64/ 63		.1																1	1	11				
62/ 61																				12				
60/ 59																				4				
58/ 57																								
56/ 55																								
54/ 53																								
52/ 51																								
50/ 49																								
TOTAL		1.1	4.8	7.1	11.1	13.9	15.2	13.0	11.6	7.5	6.9	4.1	1.4	.9	.9	.1	.5	930	930	930				
Element (X)	Σx²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3090847		52043		56.0		13.862		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	6757081		79023		85.0		6.757		930				92.7	89.3	72.9	12.1	93							
Wet Bulb	4885650		67342		72.4		4.175		930				87.8	54.3			93							
Dew Point	4150503		62009		66.7		4.146		930				55.6	3.3			93							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

3

PSYCHROMETRIC SUMMARY

7-70, 73-78

111

PAGE 1 1200-1460

U.S. AFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STAT

FT SILI AAF OK

7-70, 73-78

131

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH

1800-2000
HOURS (L. S. T.)

3

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MONT

7-70, 73-73

STATION	STATION NAME
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YEARS

1800-2000
HOURS (L.S.T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13945

FT SILI AAF OK

17-70, 73-78

491

STATION

STATION NAME

YFARS

MONTH

PAGE 1

2100-2500
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 79

PSYCHROMETRIC SUMMARY

13945
STATU

FT SILI AAF OK

7-70, 73-78

Jul
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

3

JUL
MONTH

ALL

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

13945
STATION

FT SILI AAF PK
STATION NAME

7-70, 73-78

YEARS

Aug
MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

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MONTH

HOURS 11 5 15

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PSYCHROMETRIC SUMMARY

13945
STATIC

FT SILL AAF OK

STATION NAME

67-70, 73-78

YEARS

AUG
MONTH

PAGE 1

0600-0,00
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-79, 73-78

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
102/101														.1							1	1		
100/ 99														.1							3	3		
98/ 97													.3	.2	.2						7	7		
96/ 95											.6	.6	.2								14	14		
94/ 93								.1	.1	1.2	1.0	.5	.3	.1							31	31		
92/ 91							.1	.2	1.7	1.4	1.0	.5									46	46		
90/ 89						.1	.6	2.9	3.7	1.8	.8	.3									95	95		
88/ 87					.6	2.4	4.6	2.2	1.1	.3											104	104		
86/ 85				.2	1.8	4.3	2.8	1.1	1.0	.2	.1										107	107		
84/ 83			.1	2.2	4.1	3.0	1.8	1.1	.3												117	117		
82/ 81			.5	2.0	3.2	2.5	1.5	.2	.1		.1										95	95	1	
80/ 79		.4	2.7	2.2	2.3	1.8	.3	.2		.1											93	93	4	
78/ 77	.1	.6	2.0	1.8	1.7	.4	.2	.2	.2		.1										70	70	25	2
76/ 75		1.5	1.4	1.1	1.0	.2	.3														51	51	179	7
74/ 73	1.0	1.6	.9	.3	.1	.1	.2		.2												41	41	249	27
72/ 71	.5	.6	.2	.4	.1	.2		.1													21	21	183	105
70/ 69	.6	.8	.3	.1	.2																19	19	143	201
68/ 67	.1	.1		.2																	4	4	68	194
66/ 65	.1		.3	.1																	5	5	31	133
64/ 63	.1																				1	1	15	84
62/ 61		.3	.1																		4	4	13	74
60/ 59		.1																			1	1	9	49
58/ 57																							5	15
56/ 55																							5	14
54/ 53																								6
52/ 51																								10
48/ 47																								4
46/ 45																								2
44/ 43																								1
42/ 41																								1
40/ 39																								1
TOTAL		2.6	6.1	8.6	10.6	15.3	15.7	15.1	10.5	7.3	4.0	2.7	1.0	.5								930	930	730
																					930		930	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.	3351689		54325		58.4		13.856		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	6460004		77274		83.1		6.503		930				91.9	87.5	67.0	5.6	93							
Wet Bulb	4789904		66650		71.7		4.787		930				82.2	45.6	.1		93							
Dew Point	4104541		61633		66.3		4.866		930				53.6	3.6			93							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

3

AUG
MONTH

FT SILI AAF NK

STATION NAME

7-70, 73-78

YEARS

PAGE 1

1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 JAN 71

PSYCHROMETRIC SUMMARY

13945
STATIO

FT SILL AAF OK
STATION NAME

7-70, 73-78

YEARS

ALL
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-7C, 73-7E

YEARS

 AUG
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OIA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

AUG
MONTH

7-70, 73-78

13945
STATION

STATION NAME

YEARS

PAGE 1 2100-2500
HOURS (L. S. T.)

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

67-76, 73-78

AUC.

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

Aug
MONTH

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

0000-0000

HOURS (L, S, T,)

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

FT SILI AAF OK

STATION NAME

7-70, 73-78

YEARS

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
94/ 93									.1	.2								3	3					
92/ 91								.1	.6	.2	.1	.1						10	10					
90/ 89								.7	.6	.1		.1						13	13					
88/ 87						.1	1.0	.4	.4	.2								20	20					
86/ 85						1.3	1.1	1.0	.7									37	37					
84/ 83				.1	1.2	1.2	1.7	.7	.2	.3								49	49					
82/ 81				.7	2.6	2.1	1.0	.8	.7	.2	.1							73	73					
80/ 79			.4	1.7	1.8	2.6	1.7	.6	.4	.2	.1							80	80	1				
78/ 77		.2	1.6	1.9	1.9	1.8	.9	.6	.3	.2								84	84	8				
76/ 75		.8	1.9	2.0	2.2	.9	1.8	.4	.3									93	93	53	3			
74/ 73		.9	1.2	1.8	.8	1.4	.7	1.3	.2									75	75	108	21			
72/ 71		.9	1.4	1.9	1.0	1.7	1.1	.3	.3	.1								79	79	112	85			
70/ 69		1.2	1.3	1.1	1.7	1.3	.4	.3	.2									69	69	103	103			
68/ 67	.3	1.3	1.2	2.4	.9	1.0	.8											72	72	90	94			
66/ 65		.8	1.6	.7	1.3	.8	.2											48	48	70	98			
64/ 63		.1	.4	.2	.6	.6	.4		.1									22	22	83	73			
62/ 61		.1	.2	.7	.4	.4	.3											20	20	73	66			
60/ 59		.2	.1	.4	.7	.6												13	16	56	64			
58/ 57		.1	.4	.7	.3													14	14	32	62			
56/ 55		.7	.2	.2	.1													12	12	38	38			
54/ 53		.4				.1												5	5	26	47			
52/ 51		.3		.1														4	4	20	41			
50/ 49																				14	36			
48/ 47																				1	27			
46/ 45																				2	20			
44/ 43																					12			
42/ 41																					12			
40/ 39																					6			
36/ 35																					2			
1	.3	8.1	12.2	16.6	17.4	17.3	13.1	7.2	5.2	1.9	.3	.2							900	900		100		
																		900		900				
Element (X)	Σ x'		Σ x		X		Σ x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	4063017		59039		65.614		542		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	20							
Dry Bulb	5018276		66818		74.2		8.002		900				75.7	53.7	25.0	.3	90							
Wet Bulb	3976352		59508		66.1		6.809		900				48.5	18.0			90							
Dew Point	3450593		55229		61.4		8.267		900				30.0	2.4			90							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

7-70, 73-78

YEARS

SLIP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-70, 73-78

PAGE 2

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-78

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1/00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
104/103													.2	.3		.1	.2	8	8						
102/101													.2					2	2						
100/99													.1	.1	.2	.1	.2	7	7						
98/97												.6	.7	.2	.1	.2		16	16						
96/95										.4	1.7	.7	.4	.1				30	30						
94/93									.4	1.0	1.2	1.7	.4	.3	.2			48	48						
92/91								.1	.8	2.3	2.7	.7	.2	.3				64	64						
90/89							.3	1.1	1.9	1.6	.8	.7	.3	.2				62	62						
88/87						.2	1.2	2.7	1.4	1.9	1.3	1.1	.2	.3				94	94						
86/85						.1	1.6	1.6	1.0	1.3	1.4	1.1	.7					79	79						
84/83					.1	1.1	1.4	1.1	.9	1.1	.7	1.0	.1					68	68						
82/81				.1	.7	1.2	1.9	1.1	1.0	.6	1.3	.1						72	72						
80/79		.1	.1	.4	1.2	.6	.2	.7	1.1	.8	.4		.2					53	53	2					
78/77			.1	.3	.6	.9	.6	.3	.8	.2	1.2	.4						49	49	23	1				
76/75			.2	.6	.4	.9	.8	.8	.8	.9	.3							51	51	68					
74/73			.6	.6	.7	.8	.7	.9	.8		.3							47	47	143	8				
72/71		.3	.8	1.0	.8	.3	.4	.7	.1									40	40	124	27				
70/69		.8	.3	.4	.2	.1	.1	.3	.3	.3								27	27	91	68				
68/67	.6	.4		.6	.2	.2	.1	.4	.1	.2								26	26	105	126				
66/65		.3	.1	.3	.2	.1	.2	.3	.2									17	17	32	90				
64/63		.2		.6		.3			.3									13	13	72	90				
62/61		.1	.2	.4	.1	.2												10	10	23	78				
60/59			.3	.4		.1												8	8	34	70				
58/57		.2																2	2	43	44				
56/55		.4																4	4	24	61				
54/53		.1	.1															2	2	17	46				
52/51		.1																1	1	12	56				
50/49																				4	32				
48/47																				3	31				
46/45																					22				
44/43																					14				
42/41																					13				
40/39																					9				
38/37																					3				
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

13945
STAT

FT SILL AAF OK

7-70, 73-78

5812
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

7-71, 73-78

5412

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-2000

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-70, 73-78

YEARS

566
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

FI SILI AAF OK
STATION NAME

7-70, 73-78
YEARS

SEP
MONTH

PAGE 1

2100-2500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/ 91									.1	.1		.1						3	3						
90/ 89								.1	.2	.1								4	4						
88/ 87								.7	.2									8	8						
86/ 85							.4	1.1	.9									22	22						
84/ 83					.1	.3	.9	.2	.2									16	16						
82/ 81				.3	1.2	1.8	1.2	.6	.2	.1								49	49						
80/ 79			.2	1.1	1.4	2.9	1.4	.7	.1	.2								73	73						
78/ 77			1.2	1.8	1.7	1.1	.6	.4	.3									64	64	1					
76/ 75		.2	1.3	2.6	1.7	.6	1.4	.2	.1									73	73	11	1				
74/ 73		.4	2.2	2.7	1.3	1.3	.8	.4	.2									85	85	59	5				
72/ 71	.1	1.9	2.7	1.8	2.0	1.3	1.0	.6										102	102	102	39				
70/ 69		2.1	3.0	1.1	1.6	2.4	.4	.1										97	97	134	67				
68/ 67		1.3	1.1	1.2	2.0	1.2	.3											65	65	91	108				
66/ 65	.8	.3	1.3	3.2	2.1	.9												78	78	85	118				
64/ 63		1.0	.8	.6	1.3	.7												39	39	77	77				
62/ 61		.2	.8	.9	2.1	.3												39	39	77	71				
60/ 59		.6	1.1	.7	.9	.1												30	30	79	53				
58/ 57		.7	.8	.6	.2													20	20	28	69				
56/ 55	.1	.7	.3	.2	.8													19	19	49	55				
54/ 53		.3	.2	.2	.1													8	8	36	55				
52/ 51		.1		.1	.3	.1												6	6	16	66				
50/ 49																				11	43				
49/ 47																				6	35				
46/ 45																				3	18				
44/ 43																				3	9				
42/ 41																					2				
40/ 39																					4				
38/ 37																					2				
34/ 33																					3				
TOTAL	1.0	9.9	17.1	19.0	20.9	15.1	8.6	5.1	2.7	.6		.1						900	900	900	900				
																						900		900	
																								</	

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

PSYCHROMETRIC SUMMARY

YEARS

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ALL

HOURS (L, S, T.)

[illegible]

3

PAGE 2

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MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A)
JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

CT
MONTH

PAGE 1 0000-0.00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83									.1									1	1						
82/ 81							.1											1	1						
78/ 77			.1	.1			.1											3	3						
76/ 75			.3	.1			.1											5	5						
74/ 73		.4	.9	.3	.3	1.0	.2		.1									30	30	2					
72/ 71			1.6	.8	1.1	.5	.2	.1										40	40	8	3				
70/ 69		.8	1.4	.5	1.2	.6												42	42	16	12				
68/ 67		.8	1.1	1.1	1.9	.4	.1		.1									51	51	34	16				
66/ 65	.2	1.0	1.3	1.1	.5	.8	.3	.2	.1									57	57	30	28				
64/ 63	.2	1.4	1.0	1.4	1.1	.5	.8	.1										60	60	49	29				
62/ 61	.2	1.9	1.5	1.5	1.0	1.0	.3											69	69	64	31				
60/ 59	.4	2.0	2.2	1.3	1.0	.4												68	68	59	46				
58/ 57	.3	1.5	2.4	2.3	1.0	1.3	.3											84	84	69	52				
56/ 55	.3	1.3	2.4	2.0	.6	1.1	.2											74	74	60	78				
54/ 53	.3	.8	2.4	1.7	1.4	.4	.2											67	67	74	52				
52/ 51		.2	2.3	2.0	1.0	.3	.1											55	55	76	56				
50/ 49		.3	2.6	2.0	1.2	.8												64	64	60	42				
48/ 47	.3	1.3	1.7	1.6	.9	.2												56	56	71	60				
46/ 45		.6	.4	1.7	.4													30	30	73	65				
44/ 43		.8	1.4	1.1	.3													33	33	55	54				
42/ 41		.6	2.0	.3														28	28	40	57				
40/ 39		.1	.8															8	8	51	53				
38/ 37			.1															1	1	26	47				
36/ 35			.1															1	1	9	52				
34/ 33			.2															2	2	1	32				
32/ 31																				1	31				
30/ 29																				2	12				
28/ 27																					10				
26/ 25																					9				
24/ 23																					3				
TOTAL	2.4	10.5	30.0	23.0	14.8	9.4	3.1	.4	.4									930	930	930	330				
																						930		930	
Element (X)	Σ x ²		Σ x		X		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	4953178		66534		71.5		14.4		930		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	3167180		53640		57.7		8.867		930				17.3	4.0	.2		93								
Wet Bulb	2650964		48982		52.7		8.751		930				.3	0.0	.2		93								
Dew Point	2252298		44708		48.1		10.532		930				0.5	3.1			93								

USAF/TAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-70, 73-78

NOT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. - W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
78/ 77			.1				.1												2	2				
76/ 75			.3				.1												4	4				
74/ 73		.1	.2																3	3	1			
72/ 71		.3	.6	.3	.1														18	18	7	4		
70/ 69		.6	1.8	.8	1.0	.1	.1												41	41	7	11		
68/ 67	.1	1.0	1.0	1.0	.4	.1	.2	.1											36	36	28	10		
66/ 65	.2	1.6	2.0	1.7	.8	.1	.2	.3	.3										67	67	31	25		
64/ 63	.1	1.4	1.2	1.4	.6		.1	.1											46	46	30	26		
62/ 61	.3	2.2	1.5	1.5	.4	.2	.2												59	59	54	34		
60/ 59	.3	2.4	1.7	1.5	.4	.8													66	66	61	36		
58/ 57	.4	3.6	2.2	1.2	.6	.3													77	77	61	53		
56/ 55	.3	2.5	2.6	2.0	.6	.2	.1												78	78	72	78		
54/ 53	.1	2.2	2.3	1.7	1.0	.3													70	70	65	49		
52/ 51	.4	.9	2.7	2.4	1.3	.1													72	72	62	49		
50/ 49		.5	1.9	2.5	.8	.4	.2												59	59	48	62		
48/ 47	.2	1.4	2.8	1.9	.6	.1													66	66	56	53		
46/ 45	.1	1.8	1.8	1.4	.1	.1													50	50	65	47		
44/ 43		.6	1.3	.6	.5														29	29	79	51		
42/ 41		1.2	2.8	.6															43	43	47	59		
40/ 39		.5	2.0	.2															26	26	46	60		
38/ 37		1.0	.5																14	14	39	51		
36/ 35																					33	50		
34/ 33			.1																1	1	4	40		
32/ 31			.2																2	2		32		
30/ 29																					2	21		
28/ 27																					1	10		
26/ 25																						7		
24/ 23																						2		
22/ 21																						3		
TOTAL	2.7	26.3	33.8	22.8	9.3	2.9	1.4	.5	.3										929		929	629		
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5462533		70115		75.5		13.563		929		≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	2911911		51361		55.3		8.830		929			.2	10.4	.4			93							
Wet Bulb	2510712		47576		51.2		8.945		929				.3	4.3	.1		93							
Dew Point	2185854		43962		47.3		10.662		929				7.5	2.5			93							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

7-70, 73-78

PC1

STATION STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75			.3																3	3					
74/ 73		.2	.2	.1															5	5					
72/ 71		.8	1.0		.1														17	17	6	5			
70/ 69	.1	.8	2.0	.3	.2														32	32	8	8			
68/ 67		1.2	.8	.6	.2						.1								27	27	24	14			
66/ 65	.4	1.7	2.3	1.4	.2			.5											61	61	32	29			
64/ 63	.3	1.1	1.8	1.1		.3	.2												45	45	29	23			
62/ 61	.1	3.3	1.6	1.3	.5		.1	.1	.1										66	66	43	25			
60/ 59	.2	2.9	2.2	.5	.5	.1	.1	.1											62	62	63	41			
58/ 57	.3	3.2	3.0	.9	.2	.3													74	74	62	55			
56/ 55	.3	2.7	3.7	1.1	1.1	.5													87	87	68	77			
54/ 53	.3	1.7	2.8	2.0	1.6	.1	.1												81	81	73	58			
52/ 51	.1	1.8	2.7	1.3	1.5	.4	.1												74	74	59	53			
50/ 49		1.1	2.0	2.4	1.0														60	60	57	57			
48/ 47		1.2	2.3	1.5	.6	.1													53	53	69	39			
46/ 45		2.3	2.0	1.5	.6	.1													61	61	67	22			
44/ 43	.1	1.3	2.3	.9	.3														45	45	82	44			
42/ 41		1.0	2.5	.5															37	37	57	58			
40/ 39		.9	.5	.3															16	16	50	68			
38/ 37		1.0	.6	.3															18	18	45	53			
36/ 35		.2	.1																3	3	20	48			
34/ 33			.1																1	1	12	54			
32/ 31			.1																1	1	2	30			
30/ 29		.1																	1	1		12			
28/ 27																					2	15			
26/ 25																						7			
24/ 23																						4			
22/ 21																						1			
TOTAL	2.4	30.3	36.9	18.1	8.8	2.0	1.2	.2			.1								930	930	930	130			
																					</				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-70, 73-78

ICT

STATION STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
86/ 85								.1			.1							2	2																			
84/ 83					.1			.1										2	2																			
82/ 81					.2	.5	.3	.2	.2	.1								15	15																			
80/ 79			.1	.5	.4	.1	.4	.2	.2									19	19																			
78/ 77			.2	.9	.5	.5	.4	.3	.3	.1	.1							29	29																			
76/ 75			.3	.5	1.3	1.2	.9	.3	.1	.2		.1						46	46	4																		
74/ 73		.2	.8	.4	1.1	1.4	.4	.3	.6	.2		.1						52	52	12	3																	
72/ 71		.1	.5	.9	1.3	.8	.9	.1	.2		.2							46	46	22	10																	
70/ 69		.3	1.2	2.2	1.3	1.0	.8	.3	.6	.2	.2							75	75	22	12																	
68/ 67		.8	1.5	1.2	.9	1.1	1.0	.5	.2	.1								67	67	44	30																	
66/ 65		.8	1.3	1.6	1.2	1.2	1.0	1.2	.4	.3	.1							84	84	62	25																	
64/ 63		1.5	.9	1.7	1.0	.8	1.6	.4	.5	.1								79	79	72	33																	
62/ 61	.2	1.0	1.3	1.5	1.0	1.3	1.5	.4	.4	.1								81	81	70	55																	
60/ 59	.1	.3	1.7	1.0	1.0	1.5	.8	.4	.1									64	64	73	66																	
58/ 57	.1	.9	1.4	.8	2.0	2.2	1.0	.5										82	82	59	59																	
56/ 55		.4	.5	.6	1.4	1.3	.2											42	42	75	52																	
54/ 53		.2	1.0	.9	.6	.5	.2	.1										33	33	62	65																	
52/ 51		.2	.3	.8	.9	.3	.1											24	24	75	50																	
50/ 49		.2	.5	1.3	.4	.3	.1											27	27	76	40																	
48/ 47		.2	.6	.4	.3	.2												17	17	54	35																	
46/ 45		.2	.9	.9	.3													21	21	53	47																	
44/ 43	.1	.4	.1	.1	.1													8	8	39	44																	
42/ 41		.9	.2	.4														14	14	25	67																	
40/ 39			.1															1	1	19	62																	
38/ 37																				7	50																	
36/ 35																				5	37																	
34/ 33																					27																	
32/ 31																					17																	
30/ 29																					20																	
28/ 27																					11																	
26/ 25																					12																	
24/ 23																					1																	
TOTAL	.5	8.6	15.5	18.5	17.3	16.1	11.5	5.4	4.1	1.5	.8	.2						930	930	930	930																	
Element (X)	Σ x ²					Σ x					x̄					s _x					No. Obs.					Mean No. of Hours with Temperature										Total		
Rel. Hum.	3860362					57844					62.2					16.8					12					930					≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb	3825361					59045					63.5					9.0					83					930							35.3	16.5	2.4		93	
Wet Bulb	2960090					51934					55.8					8.6					14					930							10.4	1.6			93	
Dew Point	2384473					45931					49.4					11.7					6					930							6.1	5.5	.3		93	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-70, 73-78

FCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
92/ 91													.1					1	1								
90/ 89							.1	.1		.1	.2	.3		.1	.1			10	10								
88/ 87						.2	.1	.3	.1	.3	1.0	.2	.2			.1		24	24								
86/ 85						.5	.8	.1	.5	.8	.5	.1	.1					32	32								
84/ 83					.4	.8	.4	.1	.6	.8	.4	.2	.3	.3				41	41								
82/ 81					.2	.5	.9	1.6	.6	1.2	.3	.6	.2	.2				60	60								
80/ 79					.8	.5	1.6	.8	.6	.9	.9	.3	.1	.2	.1			63	63								
78/ 77					.8	.5	1.3	1.2	1.3	1.2	.4	.5		.3				70	70		3						
76/ 75			.1		1.3	.9	2.2	1.6	.5	.8	.6	.2	.3					79	79	14							
74/ 73			.5	.4	.5	.9	.4	1.1	.6	.6	.5	.3	.1					57	57	17	3						
72/ 71			.1	1.2	1.2	1.2	1.0	.6	1.6	1.0	.3	.1	.1					78	78	26	12						
70/ 69		.2	.4	1.2	.4	.6	.8	.5	1.2	.9	.8							64	64	48	8						
68/ 67			.5	.4	.3	.6	.8	1.1	.8	.6	.3	.1						52	52	80	33						
66/ 65		.3	.1	.8	.3	.9	.9	.9	1.0	.8	.2							56	56	68	22						
64/ 63		.4	.4	.6	.2	.5	1.2	.4	.5	.4	.1							46	46	96	41						
62/ 61		.2	.4	.8	.8	.4	.6	1.1	.6									46	46	67	56						
60/ 59			.2		.1	.9	1.3	.2	.3									28	28	72	64						
58/ 57		.2	.3	.3	.6	.6	.5	.3										30	30	55	53						
56/ 55		.1	.8	.4	.2	.3	.1	.1										19	19	70	64						
54/ 53			.2	.6	.9	.3	.4											23	23	68	51						
52/ 51		.1	.4	.2	.3	.2	.3											15	15	60	44						
50/ 49			.1	.3		.1	.1											6	6	51	52						
48/ 47			.4	.3														7	7	52	43						
46/ 45	.3	.2	.4	.1														10	10	35	57						
44/ 43		.4	.1	.1														6	6	23	34						
42/ 41		.3		.1														4	4	15	56						
40/ 39		.3																3	3	6	56						
38/ 37																				4	47						
36/ 35																					34						
34/ 33																					28						
32/ 31																					20						
30/ 29																					21						
28/ 27																					18						
26/ 25																					14						
Element (X)	Σ X ²				Σ X				Σ				Σ X				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAF/TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

13945	FT SILL AAF OK
STATION	STATION NAME

47-70, 73-78

YEARS

13CT
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7-70, 73-78

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MONIN

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUL 71

3

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YEARS

SIC I
MONTH

1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

11C 7

MONTPELIER

1800-2000
HOURS (L. S. T.)

[illegible]

3

345

YEARS

11C1
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 4

ALL

ALL
HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF PK

7-70, 73-78

§ 11V

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATIC

FT SILI. AAF OK

67-79, 73-78

MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

3

FT SILI AAF DK

7-71, 73-78

10v

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

JSAFETAC FORM 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

2434
MONTH

PAGE 2 0300-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

FT SILL AAF PK

7-70, 73-78

NDV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0,00

HOURS (L. S. T.)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

110V
MONTH

PAGE 2 0650-0.00
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILL AAF OK

67-70, 73-76

NDV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-19	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point								
76/ 75							.1											1	1										
74/ 73				.1	.1			.1										3	3										
72/ 71			.1	.1	.1	.1	.2	.1		.1								8	8										
70/ 69		.3	.3		.1	.2	.1	.1	.1	.1								13	13	1									
68/ 67			.3	.6		.3	.4											15	15	5	2								
66/ 65		.3	.4	1.0	.1	.2	.2	.2										23	23	5	3								
64/ 63		.8	.9	.6	.2	.2	.6		.1									30	30	10	7								
62/ 61		1.1	1.0	.8	.4	1.1	.1	.2	.1	.1								45	45	24	9								
60/ 59	.2	1.0	1.6	.4	.7	.7	.2	.2	.3									48	48	32	22								
58/ 57	.2	1.1	1.2	.7	1.2	1.1	.9	.2		.1								61	61	36	26								
56/ 55	.3	.8	.3	1.4	1.3	.9	.7	.3	.1									56	56	40	24								
54/ 53	.1	1.2	.6	1.3	1.4	1.2	.9	.2										63	63	40	32								
52/ 51	.7	1.1	1.0	1.2	2.1	1.1	.3	.2										70	70	42	37								
50/ 49	.3	.8	1.2	1.4	1.8	.9	.1	.3										62	62	51	31								
48/ 47	.2	1.2	.8	1.9	2.1	.6	.6											66	66	64	27								
46/ 45	.2	1.4	1.6	2.6	1.0	.6	.3											69	69	68	39								
44/ 43		1.1	2.3	2.0	1.6	.4	.1											68	68	76	38								
42/ 41		.3	1.6	1.7	.9	.4												44	44	76	43								
40/ 39	.2	1.0	1.1	1.1	.9	.4												43	43	75	53								
38/ 37	.1	.9	.7	1.3	.3	.2												32	32	69	60								
36/ 35		.8	.7	.4	.6	.2												24	24	49	51								
34/ 33		.4	.4	.6	.4	.1												18	18	41	64								
32/ 31		.2	.4	.1	.2													9	9	27	66								
30/ 29			.4	.4	.2													10	10	18	55								
28/ 27		.3	.6	.3														11	11	14	40								
26/ 25			.3															3	3	17	34								
24/ 23			.1															1	1	9	25								
22/ 21		.1	.3															4	4	6	24								
20/ 19																				3	24								
18/ 17																				2	7								
16/ 15																					11								
14/ 13																					16								
12/ 11																					7								
10/ 9																					8								
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature													
Rel. Hum.																$\leq 0 F$		$\leq 32 F$		$\leq 67 F$		$\leq 73 F$		$\leq 80 F$		$\leq 93 F$		Total	
Dry Bulb																													
Wet Bulb																													
Dew Point																													

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

7-70, 73-78

STATION

STATION NAME

YEARS

2.51

MONTH

PAGE 2

0900-1100

HOURS (L, S, T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945	FT SILL AAF TX
STATION	STATION NAME

7-70, 73-78

YEARS

143V
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1113V
MONTH

YEARS

1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

2211 V

YEARS

1800-2000
HOURS (L. S. T.)

3

FT SILL AAF OK

7-70, 73-78

1.35
MONTH

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1900-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 JAN 71

PSYCHROMETRIC SUMMARY

13945
STATIC

FT SILL AAF PK

7-70, 73-78

121V

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2.00

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

MONTH

MONTH

4100-2:00

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7-70, 73-78

191V

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

47-70, 73-78

246

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

3

PSYCHROMETRIC SUMMARY

750
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 79

PSYCHROMETRIC SUMMARY

13945
STATIC

FT SILL AAF OK

7-10, 73-78

950

PAGE 4

0000-2200
HOURS (L. S. T.)

[illegible]

3

YEARS

7-70, 73-78

1. \mathbb{C}

STATION

STATION NAME

PAGE 1

0300-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	L. B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65		.2																2	2					
64/ 63		.1	.2	.1														4	4	3	3			
62/ 61			.1	.2														3	3					
60/ 59		.3	.1															4	4	3				
58/ 57		.5	.1	.3														9	9	6	3			
56/ 55		.6	.2			.1												9	9	7	9			
54/ 53		.4	.3		.2		.1											10	10	10	5			
52/ 51	.2	.4	.1	.2	.1	.2	.3		.1									16	16	16	11			
50/ 49	.4	.6	.3	.1	.1	.2	.2	.1										20	20	9	13			
48/ 47		1.0	.5	.5	.6	.2	.2											29	29	11	10			
46/ 45	.6	1.1	1.4	1.4	.3	.2												47	47	21	13			
44/ 43		1.7	.6	1.2	.9	.1	.1											43	43	23	5			
42/ 41	.4	1.8	1.0	1.8	1.0	.1												57	57	53	26			
40/ 39	.4	2.2	2.7	1.3	1.2	.1												73	73	46	30			
38/ 37	.2	2.7	2.6	2.4	.6													79	79	47	18			
36/ 35	.2	3.4	4.3	2.6	.4													102	102	68	43			
34/ 33	.6	1.9	4.8	1.0	.2													80	80	52	37			
32/ 31		3.3	5.8	1.8	.3													105	105	105	60			
30/ 29	.1	2.4	3.9	1.0														69	68	113	58			
28/ 27		2.3	2.9	.6														54	54	73	64			
26/ 25		2.4	2.5	.3														48	48	73	83			
24/ 23		.9	.5	.1														14	14	54	66			
22/ 21		.6	1.3															18	18	36	77			
20/ 19		1.2	.2															13	13	15	71			
18/ 17		.4	.3															7	7	20	64			
16/ 15		.2	.5															7	7	4	37			
14/ 13	.1	.1																2	2	9	30			
12/ 11	.1																	1	1	3	37			
10/ 9			.3															3	3		22			
8/ 7		.3																3	3	3	6			
6/ 5																				3	3			
4/ 3																					3			
2/ 1																					9			
0/ -1																					1			
Element (X)	Σ X ²			Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 JOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

YEARS

0300-0:00
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2

0600-01.00
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

756
MONN

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF/PTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945	FT SILL AAF OK
STATION	STATION NAME

7-70, 73-78

YEARS

MOA:TA

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-18

1176

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

3

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PT SILI AAF OK

7-7, 73-7A

vi

MONITOR

PAGE 2

1500-1,600
HOURS L. S. T.1

[illegible]

FORM 0-26-3 (Q1 A) "REVIEWED EDITIONS OF THIS FORM ARE OBSOLETE"

PSYCHROMETRIC SUMMARY

YEARS

156
MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 11 71

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13949 FT SILI AA OK

STATION

FT SILI AAF OK

STATION NAME

7-73, 73-78

YEARS

REC

MONTH

PAGE 4

1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945
STATION

FT SILI AAF OK
STATION NAME

7-70, 73-78
YEARS

JUN
MONTH

PAGE 1

2100-200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
66/ 65				.3														3	3															
64/ 63				.3	.2													5	5															
62/ 61	.1	.2	.3	.2														8	8	2											1			
60/ 59			.6	.3	.1		.1	.1										12	12	4											2			
58/ 57		.9	.5		.1	.3	.2											19	19	11											4			
56/ 55			.3	.1	.1	.2	.1	.2		.1		.2		.1				11	11	16											13			
54/ 53		.4	.2	.2	.1	.4	.2											15	15	9											8			
52/ 51	.1	.2	.3	.6	.8	.4	.3		.1									27	27	6											12			
50/ 49		.8	.9	.4	.6	.9	.1		.1									35	35	7											7			
48/ 47		.5	1.2	1.5	1.5	.6	.3											53	53	20											7			
46/ 45	.2	1.6	1.3	2.9	2.5	1.4	.3											95	95	25											8			
44/ 43	.1	1.3	1.1	1.2	2.9	1.1												71	71	45											17			
42/ 41		2.1	1.4	2.2	2.3	.6	.1											80	80	59											34			
40/ 39		1.4	2.7	3.6	1.3	.4												87	87	82											23			
38/ 37		1.9	2.5	4.3	1.2	.1												94	94	36											30			
36/ 35	.1	1.5	1.9	3.3	.5	.1												70	70	100											33			
34/ 33	.3	1.5	2.1	2.3	.6													63	63	101											69			
32/ 31		.1	2.3	2.3	.1													44	44	92											62			
30/ 29	.2	.6	1.0	1.8	.2													36	36	65											57			
28/ 27		.3	1.9	1.4														34	34	49											70			
26/ 25	.1	.8	1.0	.4														21	21	48											72			
24/ 23		.5	.8															12	12	37											64			
22/ 21		.2	.5															7	7	22											62			
20/ 19	.1	.5	.8	.3														16	16	14											66			
18/ 17		.4	.1															5	5	11											49			
16/ 15		.1																1	1	8											20			
14/ 13			.2															2	2	4											15			
12/ 11			.1															1	1												28			
10/ 9																				2											16			
8/ 7																				1											19			
6/ 5																															9			
4/ 3																															0			
2/ 1																															4			
0/ -1																															3			
Element (X)	Σ X ²					Σ X					Σ					Σ X					No. Obs.					Mean No. of Hours with Temperature								
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945	FT SILI AAF OK
STATION	STATION NAME

7-71, 73-78

YEARS

OLC
MONTH

PAGE 4

2100-2,000
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

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STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77									.0	.0	.0			.0	.0			4	4					
76/ 75								.0	.0	.0	.0	.0		.0				10	10					
74/ 73						.0	.1	.0	.0	.1	.0	.0	.1					20	20					
72/ 71					.0	.0	.1	.0	.0	.0	.0	.1	.1	.0				28	28					
70/ 69					.1	.1	.1	.0	.0	.1	.1	.1	.0					43	43					
68/ 67			.0	.0	.1	.1	.0	.1	.1	.1	.1	.0						55	55					
66/ 65		.1	.1	.2	.1	.1	.0	.1	.1	.2	.1	.0						77	77					
64/ 63		.1	.2	.1	.2	.1	.2	.0	.1	.1	.1	.1						94	94	17	6			
62/ 61	.0	.1	.2	.2	.1	.1	.1	.2	.3	.1	.1	.0						119	119	29	7			
60/ 59	.0	.3	.2	.2	.1	.1	.2	.3	.3	.1	.1							149	149	64	21			
58/ 57		.5	.3	.2	.2	.1	.5	.5	.3	.1	.0							204	204	76	32			
56/ 55		.2	.2	.3	.3	.4	.6	.5	.3	.1	.0							220	220	101	79			
54/ 53		.6	.2	.3	.3	.5	.9	.5	.1									243	243	99	57			
52/ 51	.1	.5	.3	.3	.6	.8	.7	.5	.1	.0								297	297	141	98			
50/ 49	.2	.6	.6	.8	.8	.9	.7	.4	.1									378	378	157	105			
48/ 47	.0	.7	.6	.9	.9	1.0	.6	.2										375	375	228	83			
46/ 45	.1	1.2	1.0	1.5	1.6	1.2	.5	.1										531	531	290	125			
44/ 43	.0	1.1	1.4	1.3	1.3	.8	.2	.1										467	467	471	126			
42/ 41	.1	1.3	1.0	1.6	1.5	.5	.1											465	465	508	114			
40/ 39	.2	1.4	1.9	1.9	1.4	.3	.0											536	536	599	198			
38/ 37	.2	1.6	1.9	2.4	1.0	.3	.1											553	554	611	247			
36/ 35	.2	1.7	2.2	2.2	.7	.2	.0											532	532	647	249			
34/ 33	.3	1.5	2.6	1.5	.5	.0												473	473	676	291			
32/ 31	.1	1.3	2.4	1.5	.4													412	413	500	298			
30/ 29	.0	1.4	1.7	.9	.1													315	315	536	296			
28/ 27	.0	1.1	1.6	.7	.0													260	260	420	224			
26/ 25	.0	1.1	1.3	.3	.1													212	212	363	225			
24/ 23		.6	.6	.1	.0													100	100	263	299			
22/ 21		.3	.7	.1														84	84	178	275			
20/ 19	.0	.7	.4	.1														85	85	21	10			
18/ 17		.3	.1	.0														31	31	100	299			
16/ 15	.0	.1	.2	.0														27	27	50	234			
14/ 13	.0	.0	.1															10	10	26	243			
12/ 11	.0	.0	.0															6	6	13	219			
Element (X)	Σx^2			Σx			\bar{x}	σ_x	No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total				
Dry Bulb																								
Wet Bulb																								
Dew Point																								

3

ALL

YEARS

MONTH

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
J. N 71

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13945 FT SILI AAF OK

7-70, 73-74

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
44/ 43	.0	.6	.7	.6	.5	.2	.1	.0										2369	2369	2990	2413											
42/ 41	.1	.7	.7	.6	.4	.1	.0											2262	2262	2949	2507											
40/ 39	.1	.7	.7	.6	.3	.1	.0											2173	2173	2974	2549											
38/ 37	.2	.8	.6	.6	.2	.1	.0											2135	2136	2959	2709											
36/ 35	.2	.7	.8	.5	.2	.0	.0											2046	2046	2723	2556											
34/ 33	.2	.6	.8	.4	.1	.0												1879	1879	2551	2595											
32/ 31	.1	.6	.7	.3	.1	.0												1594	1595	2120	2505											
30/ 29	.1	.4	.5	.2	.1													1148	1148	2085	2498											
28/ 27	.2	.4	.4	.1	.0													1017	1017	1560	2504											
26/ 25	.1	.4	.3	.1	.0													831	831	1236	2568											
24/ 23	.0	.3	.2	.0	.0													548	548	1060	1564											
22/ 21	.0	.3	.2	.0														542	542	703	1773											
20/ 19	.0	.3	.2	.0														485	485	554	1777											
18/ 17	.0	.2	.1	.0														263	263	493	1512											
16/ 15	.0	.2	.1	.0														241	241	340	1072											
14/ 13	.0	.1	.0															134	134	229	559											
12/ 11	.0	.1	.0															78	78	136	731											
10/ 9	.0	.0	.0															59	59	90	578											
8/ 7	.0	.0																34	35	62	483											
6/ 5		.0																11	11	28	313											
4/ 3		.0																9	9	11	240											
2/ 1		.0																1	1	5	155											
0/ -1																					80											
-2/ -3	.0																	1	1	1	87											
-4/ -5																					44											
-6/ -7																					44											
-8/ -9																					21											
-10/-11																					6											
-12/-13																					0											
-14/-15																					18											
-16/-17																					0											
-18/-19																					2											
-20/-21																					3											
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAF/TAC FORM 71 0 26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 3

ALL
HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 F1 SILL AAF OK

7-70, 73-79

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 32.4	38.3	47.5	57.6	64.1	73.0	77.9	76.7	68.5	57.7	46.0	37.9	56.5
	S D 10.724	9.728	10.363	8.623	7.241	6.133	5.209	4.585	7.301	8.887	9.591	8.775	17.376
	TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN 30.9	36.1	45.0	55.0	61.8	70.3	74.8	73.8	66.3	55.3	44.1	35.9	54.2
	S D 10.498	9.238	9.863	8.586	7.169	5.847	4.457	4.112	7.221	8.830	9.466	8.996	16.970
	TOTAL OBS 930	846	930	900	930	900	930	930	900	929	900	930	10955
06-08	MEAN 30.0	34.7	44.0	54.9	63.0	71.7	75.7	74.1	66.2	54.8	43.1	34.7	54.0
	S D 10.589	9.056	9.730	8.441	7.034	5.931	4.821	4.467	7.131	8.621	9.606	9.316	17.676
	TOTAL OBS 930	846	930	900	930	900	930	929	900	930	900	930	10955
09-11	MEAN 34.1	40.5	50.8	63.0	70.9	79.9	85.0	83.1	74.2	63.5	49.9	40.9	61.4
	S D 11.325	10.855	11.317	8.437	7.573	7.028	6.757	6.503	8.002	9.083	9.976	9.855	19.293
	TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN 41.0	48.3	58.0	69.1	76.3	85.5	91.2	89.7	80.5	70.7	57.5	49.1	68.2
	S D 13.264	13.413	13.270	8.883	8.482	7.765	7.269	7.093	9.041	10.315	11.146	11.190	19.414
	TOTAL OBS 930	846	930	899	930	900	930	930	900	930	900	930	10955
15-17	MEAN 43.5	51.3	61.0	71.1	78.2	87.4	92.5	91.4	82.1	72.4	58.9	50.7	70.1
	S D 14.013	14.114	13.898	8.933	8.976	7.765	7.742	7.208	9.410	10.712	11.403	11.690	19.384
	TOTAL OBS 930	846	930	900	929	900	930	930	900	930	900	930	10955
18-20	MEAN 38.7	46.7	56.7	66.9	74.1	83.6	88.7	87.1	77.1	65.8	52.5	44.2	65.3
	S D 12.201	12.415	12.674	8.624	8.375	7.375	7.655	6.885	8.745	9.821	10.040	9.785	19.269
	TOTAL OBS 930	843	930	900	930	900	929	930	900	930	900	927	10949
21-23	MEAN 35.0	41.4	51.2	61.0	67.7	77.0	81.9	80.6	71.3	60.5	48.1	39.8	59.7
	S D 11.121	10.445	11.138	8.348	7.466	6.445	6.124	5.503	7.689	8.999	9.490	9.093	17.994
	TOTAL OBS 930	843	930	900	928	900	930	929	900	930	900	927	10947
ALL HOURS	MEAN 35.7	42.2	51.8	62.3	69.5	78.5	83.5	82.1	73.3	62.6	50.0	41.7	61.2
	S D 12.627	12.612	13.020	10.428	9.796	9.187	9.111	8.765	9.983	11.330	11.521	11.318	19.338
	TOTAL OBS 7440	6762	7440	7199	7437	7200	7439	7438	7200	7439	7200	7434	87628

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OK

67-70, 73-79

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 29.7 S D 10.186 TOTAL OBS 929	34.7 8.544 846	42.5 9.540 930	52.5 8.797 900	59.4 7.173 930	66.5 4.956 900	69.3 3.121 930	68.6 3.806 930	63.3 6.775 900	52.7 8.751 930	41.8 9.803 900	33.8 8.571 930	51.4 15.879 10955
03-05	MEAN 28.6 S D 10.269 TOTAL OBS 930	35.2 8.489 846	40.9 9.512 930	50.9 8.984 900	58.2 7.395 930	65.4 5.115 900	68.3 3.148 930	67.7 3.848 930	62.1 7.098 900	51.2 8.945 929	40.5 9.610 900	32.4 8.824 930	50.0 16.019 10955
06-08	MEAN 27.9 S D 10.330 TOTAL OBS 930	32.2 8.537 846	40.4 9.520 930	50.9 8.963 900	59.1 7.335 930	66.4 5.252 900	69.1 3.255 930	68.1 3.913 929	62.3 7.197 900	51.0 8.952 930	39.9 9.859 900	31.6 9.152 930	50.0 16.599 10955
09-11	MEAN 30.8 S D 10.559 TOTAL OBS 930	35.9 9.044 846	44.4 9.763 930	55.1 8.208 900	62.9 7.092 930	69.7 5.188 900	72.6 3.175 930	71.7 3.787 930	66.1 6.809 900	55.8 8.614 930	44.2 9.726 900	35.8 9.066 929	53.8 16.497 10955
12-14	MEAN 35.0 S D 11.001 TOTAL OBS 930	40.3 9.523 846	47.9 9.851 930	57.6 7.762 899	64.7 7.065 930	71.7 5.062 900	73.1 3.140 930	72.7 3.707 930	67.8 6.671 900	58.5 8.492 930	47.8 9.548 900	40.2 8.940 930	56.5 15.396 10955
15-17	MEAN 35.4 S D 11.043 TOTAL OBS 930	41.7 9.424 846	48.8 9.436 930	58.0 7.549 900	64.8 6.950 929	71.1 4.764 900	72.8 3.021 930	72.2 3.513 930	67.5 6.362 900	58.5 8.186 930	48.2 9.419 900	40.8 8.933 930	56.8 14.843 10955
18-20	MEAN 33.9 S D 10.498 TOTAL OBS 930	39.6 9.267 843	46.9 9.359 930	56.6 7.889 900	63.6 6.910 930	69.8 4.694 900	71.7 2.992 929	71.1 3.517 930	66.1 6.362 900	56.3 8.420 930	45.4 9.455 900	37.4 8.559 927	54.9 15.347 10949
21-23	MEAN 31.5 S D 10.271 TOTAL OBS 930	36.8 8.758 843	44.5 9.431 930	54.3 8.384 900	61.3 6.948 927	68.1 4.778 900	70.3 3.065 930	69.8 3.731 929	64.4 6.572 900	54.1 8.584 930	43.1 9.456 900	34.9 8.648 926	52.8 15.679 10945
ALL HOURS	MEAN 31.7 S D 10.901 TOTAL OBS 7439	36.8 9.521 6762	44.5 9.998 7440	54.5 8.742 7199	61.7 7.520 7436	68.5 5.388 7200	70.9 3.565 7439	70.2 4.152 7438	65.0 7.054 7200	54.8 9.067 7439	43.9 10.017 7200	35.9 9.392 7432	53.3 15.992 87624



USAFETAC FORM 64 089 S (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OK

67-70, 73-79

STATION		STATION NAME												YEARS	
HRS L S		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	26.7	34.7	42.5	52.5	59.4	66.5	69.3	68.6	63.3	52.7	41.8	33.8	51.3	
	S D	10.186	8.544	9.540	8.797	7.173	4.956	3.121	3.806	6.775	8.751	9.603	8.571	15.879	
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955	
03-05	MEAN	28.6	33.2	40.9	50.4	58.2	65.4	68.3	67.7	62.1	51.2	40.5	32.4	50.0	
	S D	10.209	8.489	9.512	8.994	7.395	5.115	3.148	3.848	7.098	8.945	9.610	8.824	16.019	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955	
06-08	MEAN	27.9	32.2	40.4	50.9	58.1	66.4	69.1	68.1	62.3	51.0	39.9	31.6	50.0	
	S D	10.330	8.537	9.526	8.963	7.335	5.252	3.255	3.913	7.197	8.952	9.859	9.152	16.599	
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955	
09-11	MEAN	30.8	35.9	44.4	55.1	62.9	69.7	72.4	71.7	66.1	55.8	44.2	35.8	53.8	
	S D	10.559	9.044	9.763	8.208	7.092	5.188	3.175	3.787	6.809	8.614	9.726	9.066	16.497	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955	
12-14	MEAN	35.0	40.3	47.9	57.6	64.7	71.0	73.1	72.7	67.8	58.5	47.8	40.2	56.5	
	S D	11.001	9.523	9.851	7.762	7.065	5.062	3.140	3.707	6.671	8.492	9.548	8.940	15.396	
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955	
15-17	MEAN	36.4	41.7	48.8	58.0	64.8	71.1	72.8	72.2	67.5	58.6	48.2	40.8	56.8	
	S D	11.043	9.424	9.486	7.549	6.950	4.764	3.021	3.513	6.362	8.186	9.419	8.933	14.843	
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955	
18-20	MEAN	33.8	39.6	46.9	56.6	63.6	69.8	71.7	71.1	66.1	56.3	45.4	37.4	54.9	
	S D	10.498	9.267	9.359	7.889	6.910	4.694	2.992	3.517	6.362	8.420	9.455	8.559	15.347	
	TOTAL OBS	930	843	930	900	930	900	929	930	900	930	900	927	10949	
21-23	MEAN	31.5	36.8	44.5	54.3	61.3	68.1	70.3	69.8	64.4	54.1	43.1	34.9	52.8	
	S D	10.271	8.758	9.431	8.384	6.948	4.778	3.065	3.731	6.572	8.584	9.456	8.648	15.679	
	TOTAL OBS	930	843	930	900	927	900	930	929	900	930	900	926	10945	
ALL HOURS	MEAN	31.7	36.8	44.5	54.5	61.7	68.5	70.9	70.2	65.0	54.8	43.9	35.9	53.3	
	S D	10.901	9.521	9.998	8.742	7.520	5.388	3.565	4.152	7.054	9.067	10.017	9.392	15.992	
	TOTAL OBS	7439	6762	7440	7199	7436	7200	7439	7438	7200	7439	7200	7432	87624	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OK

67-70, 73-79

STATION		STATION NAME													YEARS	
HRS 15"		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
00-02	MEAN	21.9	28.9	30.2	47.7	56.0	62.9	65.0	64.3	59.9	48.1	36.3	26.6	46.4		
	S D	12.44	10.01	11.81	11.06	8.72	5.74	4.21	5.41	7.77	10.53	12.12	11.41	17.67		
	TOTAL OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955		
03-05	MEAN	23.4	28.3	35.5	46.9	55.4	62.6	64.8	64.2	59.4	47.3	35.6	26.0	45.9		
	S D	12.50	9.90	11.72	11.04	8.74	5.83	4.08	5.24	8.07	10.66	12.04	11.45	17.80		
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955		
06-08	MEAN	22.9	27.6	35.5	46.9	56.1	63.3	65.7	64.9	59.7	47.3	35.3	25.7	46.0		
	S D	12.44	10.06	11.69	11.10	8.90	6.21	3.93	5.00	8.24	11.70	12.27	11.66	18.23		
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955		
09-11	MEAN	24.4	29.2	37.0	48.1	57.5	64.4	66.7	66.3	61.4	49.4	37.1	27.7	47.5		
	S D	12.98	10.55	12.21	11.50	9.50	6.52	4.14	4.86	8.26	11.17	12.87	11.94	18.29		
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955		
12-14	MEAN	25.7	30.2	37.5	48.3	57.5	64.1	65.3	65.1	60.8	49.4	37.3	28.2	47.5		
	S D	13.39	10.81	12.44	11.71	9.78	6.71	4.88	5.54	8.58	11.37	13.20	12.18	17.90		
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955		
15-17	MEAN	25.9	30.3	36.6	47.7	56.7	63.3	64.1	63.7	59.7	48.3	36.9	27.8	46.8		
	S D	13.31	10.81	12.39	11.90	9.91	6.63	5.06	5.59	8.45	11.26	13.34	12.21	17.57		
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955		
18-20	MEAN	25.5	30.3	36.4	47.9	56.8	62.9	63.9	63.4	59.9	48.4	37.1	27.3	46.7		
	S D	12.71	10.03	12.37	11.86	9.56	6.56	5.02	5.70	8.03	10.99	12.75	11.79	17.48		
	TOTAL OBS	930	843	930	900	930	900	929	930	900	930	900	927	10949		
21-23	MEAN	25.0	30.0	36.7	48.4	56.9	63.2	64.5	64.2	60.1	48.4	36.6	26.9	46.8		
	S D	12.45	10.35	12.06	11.12	8.66	5.97	4.52	5.55	7.74	10.67	12.42	11.61	17.53		
	TOTAL OBS	930	843	930	900	927	900	930	929	900	930	900	926	10945		
ALL HOURS	MEAN	24.6	29.3	36.4	47.8	56.6	63.4	65.0	64.5	60.1	48.3	36.5	27.0	46.7		
	S D	12.82	10.49	12.10	11.42	9.25	6.30	4.57	5.43	8.17	10.94	12.65	11.81	17.82		
	TOTAL OBS	7439	6762	7440	7199	7436	7200	7439	7438	7200	7439	7200	7432	87624		

USAFETAC FORM 0895 (OLA)

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JAN
MONTH

STATION

STATION NAME

PERIOD

MONTH

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2FORM
101.64

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3

STATION NAME

PERIOD

MONTH

1

2

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

67-70, 73-78

APR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.8	99.4	97.1	89.6	73.4	52.9	31.2	10.9	71.1	900
	03-05	100.0	100.0	99.7	98.9	95.2	83.0	65.0	38.9	13.7	75.1	900
	06-08	100.0	100.0	99.8	98.3	94.2	83.1	65.1	40.4	15.4	75.5	900
	09-11	100.0	99.7	95.3	82.6	65.1	51.2	35.4	19.8	4.6	61.2	900
	12-14	100.0	97.1	83.4	63.6	46.7	32.8	20.1	9.9	2.1	51.3	899
	15-17	100.0	94.8	76.0	55.1	38.4	26.8	15.8	8.3	2.0	47.4	900
	18-20	100.0	97.7	88.6	70.9	50.6	36.7	23.7	13.8	3.2	54.0	900
	21-23	100.0	99.7	98.9	92.0	77.3	58.8	38.7	24.2	7.1	65.3	900
TOTALS		100.0	98.6	92.6	82.3	69.6	55.7	39.6	23.3	7.4	62.6	7199

USAFETAC FORM 0-87.5 (OL A)
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13945
STATION

FT SILL AAF OK

STATION NAME

67-70, 73-78

PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.8	98.3	95.5	86.6	71.4	42.2	8.4	75.9	930
	03-05	100.0	100.0	99.9	99.7	98.2	92.6	79.7	57.1	15.8	80.1	930
	06-08	100.0	99.9	99.7	99.2	97.4	90.0	76.8	53.5	14.5	79.0	930
	09-11	100.0	99.8	98.3	91.5	77.6	60.0	38.0	17.4	3.5	64.3	930
	12-14	100.0	99.4	92.7	78.4	57.8	33.1	17.4	8.0	1.0	54.5	930
	15-17	100.0	97.8	87.6	69.2	45.0	26.2	14.2	5.2	.6	50.3	929
	18-20	100.0	99.0	94.7	82.8	63.4	40.2	23.5	10.5	1.5	57.3	930
	21-23	100.0	99.9	99.1	97.1	90.3	74.0	50.5	24.5	3.7	69.6	927
TOTALS		100.0	99.5	96.5	89.5	78.2	62.8	46.4	27.3	6.1	66.4	7436

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13945 FT SILI AAF PK
STATION

STATION NAME

67-70, 73-78

PERIOD

JUN

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	99.8	99.0	95.7	80.9	56.2	26.9	2.2	71.6	900
	03-05	100.0	100.0	100.0	99.2	98.0	93.2	75.8	46.6	5.1	77.4	900
	06-08	100.0	100.0	99.8	99.3	96.6	89.8	70.4	40.3	4.9	75.5	900
	09-11	100.0	100.0	98.8	92.1	76.8	50.2	25.6	6.9	.6	60.6	900
	12-14	100.0	99.8	93.6	77.4	45.9	21.7	7.9	2.3	.1	50.4	900
	15-17	100.0	99.4	87.4	64.2	35.6	14.6	6.8	1.4	.1	46.5	900
	18-20	100.0	99.6	94.0	77.9	50.8	24.8	11.4	3.2	.1	51.7	900
	21-23	100.0	99.7	99.3	96.7	83.9	57.2	33.0	11.3	.4	63.7	900
TOTALS		100.0	99.8	96.6	88.2	72.9	54.1	35.9	17.4	1.7	62.2	7200

RELATIVE HUMIDITY

JUL
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	97.7	84.8	60.0	40.4	18.6	1.5	65.8	930
	03-05	100.0	100.0	100.0	99.2	95.2	79.6	57.4	29.2	3.0	71.9	930
	06-08	100.0	100.0	100.0	99.6	95.2	81.1	57.5	28.4	1.4	71.8	930
	09-11	100.0	99.7	97.7	86.6	63.3	33.0	16.7	5.6	.3	56.0	930
	12-14	100.0	98.6	86.2	54.7	29.2	12.8	5.3	1.9	.1	44.5	930
	15-17	100.0	96.8	76.6	42.2	22.7	10.9	5.9	1.9	.2	41.3	930
	18-20	100.0	98.1	85.8	56.3	33.8	18.0	9.6	4.4	.8	46.3	929
	21-23	100.0	99.8	98.2	87.7	63.2	38.3	22.0	9.0	.9	57.6	930
TOTALS		100.0	99.1	93.1	78.0	60.9	41.7	26.9	12.4	1.0	56.9	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13945 FT SILL AAF OK

67-70, 73-78

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	98.0	86.9	62.9	40.5	18.2	2.0	66.6	930
	03-05	100.0	100.0	100.0	99.8	94.4	82.7	58.6	31.9	4.2	72.7	930
	06-08	100.0	100.0	100.0	99.8	97.2	84.6	62.8	34.8	4.8	73.7	929
	09-11	100.0	100.0	99.4	90.5	70.0	38.7	20.2	8.1	1.1	58.4	930
	12-14	99.8	99.6	88.6	60.9	30.3	14.3	6.1	2.2	.4	45.9	930
	15-17	100.0	99.5	77.6	44.8	22.7	11.1	5.3	1.9	.1	41.9	930
	18-20	100.0	99.9	88.2	61.9	35.1	18.8	10.5	3.9	.2	47.5	930
	21-23	100.0	100.0	99.4	90.3	66.7	41.1	23.6	10.2	.9	59.0	929
TOTALS		100.0	99.9	94.2	80.8	62.9	44.3	28.5	13.9	1.7	58.2	7438

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STATION

STATION NAME

PERIOD

MONTH

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RELATIVE HUMIDITY

761

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JULY	00-02	100.0	100.0	100.0	98.3	91.0	77.1	52.8	28.9	7.8	71.5	930
	03-05	100.0	100.0	100.0	98.9	95.2	84.9	65.2	39.1	11.2	75.5	929
	06-08	100.0	100.0	99.9	99.4	96.3	87.2	71.1	43.3	10.8	76.6	930
	09-11	100.0	100.0	97.3	89.4	73.0	53.7	33.0	15.3	3.2	62.2	930
	12-14	100.0	98.2	86.8	64.2	43.9	26.1	13.3	5.1	1.5	49.7	930
	15-17	100.0	96.5	77.8	54.2	35.4	20.1	11.0	3.9	1.3	45.6	930
	18-20	100.0	99.2	94.1	78.9	58.8	37.3	22.7	9.2	1.7	56.1	930
	21-23	100.0	100.0	99.6	94.3	82.0	62.0	39.4	20.3	4.4	66.1	930
TOTALS		100.0	99.2	84.4	84.7	72.0	56.1	38.6	20.6	5.2	62.9	7439

USAFETAC FORM 0-87-5 (OL A)
JUL 64

RELATIVE HUMIDITY

NOV
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	99.9	99.6	97.1	90.0	74.1	50.7	25.7	9.4	70.3	900
	03-05	100.0	100.0	99.6	97.6	93.7	78.7	58.3	33.2	13.6	73.3	900
	06-08	100.0	100.0	100.0	98.1	94.2	84.1	62.1	37.8	16.2	74.9	900
	09-11	100.0	100.0	97.1	88.7	74.7	53.6	36.2	19.9	8.1	63.6	900
	12-14	100.0	97.6	84.3	65.2	42.6	27.6	16.1	8.8	3.1	50.1	900
	15-17	100.0	95.9	79.0	55.4	37.7	24.7	13.0	7.9	2.0	47.4	900
	18-20	100.0	99.8	94.8	83.6	63.4	42.6	23.8	11.6	3.4	58.1	900
	21-23	100.0	100.0	98.6	93.6	82.2	62.1	39.4	19.3	6.0	65.8	900
TOTALS		100.0	99.2	94.1	84.9	72.3	55.9	37.5	20.5	7.7	62.9	7200

RELATIVE HUMIDITY

DEC

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.9	99.1	94.8	79.5	57.4	35.8	22.5	8.7	65.5	930
	03-05	100.0	100.0	99.5	96.3	87.5	68.0	43.2	27.5	9.8	68.6	930
	06-08	100.0	100.0	99.4	97.2	92.2	73.8	48.5	28.8	11.7	70.7	930
	09-11	100.0	99.7	96.7	87.2	70.6	48.8	32.6	19.9	7.4	61.9	929
	12-14	100.0	96.0	80.6	56.6	38.2	26.6	15.1	8.0	3.3	48.0	930
	15-17	100.0	94.2	71.1	47.2	33.9	23.0	13.1	7.4	3.1	45.0	930
	18-20	100.0	98.8	93.5	74.9	50.5	33.0	21.3	11.4	4.1	54.3	927
	21-23	100.0	99.7	98.5	90.9	71.1	45.8	29.6	16.8	7.0	61.6	926
TOTALS		100.0	98.5	92.3	80.6	65.4	47.1	29.9	17.8	6.9	59.5	7432

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13945
STATION

FT SILL AAF OK
STATION NAME

67-70, 73-79
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.6	96.1	89.4	78.4	63.6	44.2	27.7	12.7	66.8	7439
FEB		100.0	97.5	92.3	84.4	73.9	59.2	43.5	28.5	13.3	64.9	6762
MAR		100.0	96.8	89.5	78.6	66.0	50.3	35.8	22.1	8.6	60.4	7440
APR		100.0	98.6	92.6	82.3	69.6	55.7	39.6	23.3	7.4	62.6	7199
MAY		100.0	99.5	96.5	89.5	78.2	62.8	46.4	27.3	6.1	66.4	7436
JUN		100.0	99.8	96.6	88.2	72.9	54.1	35.9	17.4	1.7	62.2	7200
JUL		100.0	99.1	93.1	78.0	60.9	41.7	26.9	12.4	1.0	56.9	7439
AUG		100.0	99.9	94.2	80.8	62.9	44.3	28.5	13.9	1.7	58.2	7438
SEP		100.0	100.0	98.3	90.2	77.3	61.8	44.1	25.2	6.5	66.0	7200
OCT		100.0	99.2	94.4	84.7	72.0	56.1	38.6	20.6	5.2	62.9	7439
NOV		100.0	99.2	94.1	84.9	72.3	55.9	37.5	20.5	7.7	62.9	7200
DEC		100.0	98.5	92.3	80.6	65.4	47.1	29.9	17.8	6.9	59.5	7432
TOTALS		100.0	99.0	94.2	84.3	70.8	54.4	37.6	21.4	6.6	62.5	87624

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

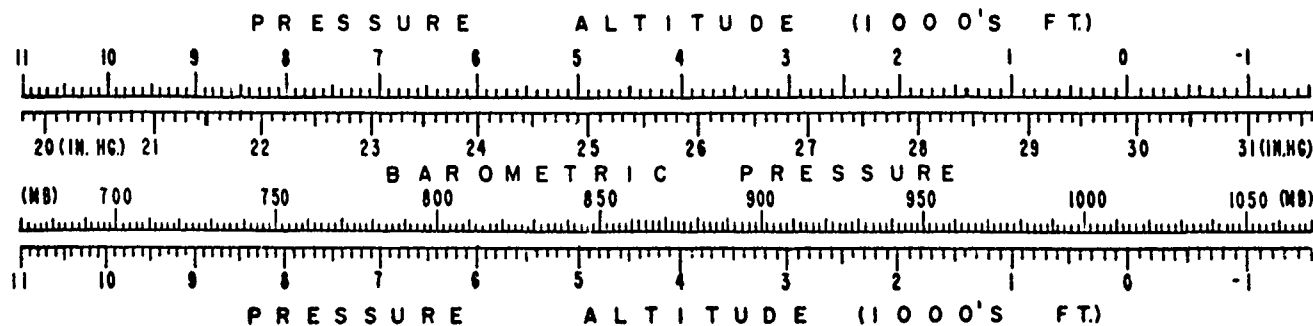
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

11945 FT SILL AAF OK

67-70, 73-79

STATION		STATION NAME												YEARS											
HRZ (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00	MEAN	28.849	28.810	28.696	28.665	28.653	28.659	28.727	28.728	28.739	28.775	28.800	28.781	28.740											
	S D	.238	.217	.212	.185	.162	.133	.082	.088	.139	.174	.211	.222	.189											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
03	MEAN	28.844	28.804	28.688	28.657	28.641	28.651	28.722	28.724	28.734	28.771	28.793	28.774	28.733											
	S D	.240	.220	.215	.184	.163	.132	.081	.088	.139	.175	.214	.227	.191											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651											
06	MEAN	28.841	28.809	28.698	28.676	28.658	28.676	28.743	28.742	28.749	28.787	28.797	28.771	28.745											
	S D	.238	.220	.215	.183	.164	.132	.080	.088	.140	.177	.219	.233	.190											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
09	MEAN	28.877	28.845	28.734	28.709	28.688	28.704	28.767	28.769	28.778	28.820	28.834	28.805	28.777											
	S D	.240	.221	.220	.186	.165	.142	.081	.092	.143	.180	.222	.237	.193											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
12	MEAN	28.873	28.844	28.722	28.695	28.674	28.685	28.749	28.751	28.765	28.803	28.814	28.795	28.764											
	S D	.242	.224	.221	.185	.164	.135	.080	.092	.144	.181	.223	.239	.195											
	TOTAL OBS	309	282	310	299	310	300	310	310	300	310	300	310	3650											
15	MEAN	28.808	28.777	28.659	28.640	28.629	28.639	28.702	28.698	28.707	28.742	28.759	28.739	28.708											
	S D	.237	.221	.217	.184	.162	.135	.080	.091	.144	.178	.214	.233	.190											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
18	MEAN	28.814	28.773	28.647	28.618	28.601	28.603	28.667	28.669	28.692	28.737	28.767	28.752	28.695											
	S D	.235	.217	.215	.182	.159	.136	.082	.093	.145	.175	.210	.224	.192											
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650											
21	MEAN	28.838	28.801	28.682	28.655	28.633	28.635	28.699	28.706	28.727	28.768	28.794	28.779	28.726											
	S D	.236	.216	.214	.180	.159	.132	.081	.091	.143	.174	.208	.222	.190											
	TOTAL OBS	310	281	310	300	309	300	310	310	300	310	300	309	3649											
ALL HOURS	MEAN	28.843	28.808	28.691	28.664	28.647	28.656	28.722	28.723	28.736	28.775	28.795	28.775	28.736											
	S D	.239	.221	.217	.186	.164	.138	.086	.095	.144	.178	.216	.230	.193											
	TOTAL OBS	2479	2254	2480	2399	2479	2400	2480	2480	2400	2479	2400	2478	29208											

USAFETAC FORM 0 89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13945 FT SILL AAF OK

67-70, 73-79

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00	MEAN	1020.4	1019.1	1014.5	1012.9	1012.1	1012.0	1014.2	1014.3	1015.0	1016.8	1018.2	1018.0	1015.6											
	S D	8.798	7.952	7.851	6.750	5.859	4.805	3.009	3.216	5.084	6.369	7.745	8.140	7.100											
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651											
03	MEAN	1020.6	1018.8	1014.2	1012.6	1011.7	1011.7	1014.0	1014.1	1014.9	1016.6	1018.0	1017.7	1015.4											
	S D	8.892	8.078	7.926	6.702	5.881	4.775	2.966	3.208	5.097	6.410	7.867	8.292	7.158											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651											
06	MEAN	1020.5	1019.0	1014.6	1013.3	1012.4	1012.6	1014.8	1014.8	1015.4	1017.2	1018.2	1017.7	1015.9											
	S D	8.825	8.086	7.924	6.691	5.918	4.774	2.916	3.197	5.116	6.466	8.041	8.470	7.095											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
09	MEAN	1021.9	1020.4	1015.9	1014.5	1013.4	1013.5	1015.6	1015.7	1016.5	1018.5	1019.6	1019.0	1017.0											
	S D	8.869	8.114	8.052	6.783	5.947	4.768	2.944	3.319	5.221	6.566	8.127	8.648	7.218											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
12	MEAN	1021.7	1020.3	1015.5	1014.0	1012.9	1012.9	1015.0	1015.1	1015.9	1017.8	1018.9	1018.5	1016.5											
	S D	8.925	8.200	8.112	6.745	5.918	4.867	2.918	3.346	5.249	6.572	8.068	8.707	7.271											
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651											
15	MEAN	1019.3	1017.8	1013.2	1012.0	1011.3	1011.3	1013.3	1013.2	1014.0	1015.6	1016.7	1016.5	1014.5											
	S D	8.769	8.145	7.987	6.699	5.872	4.868	2.958	3.341	5.260	6.507	7.857	8.494	7.109											
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651											
18	MEAN	1019.6	1017.8	1012.8	1011.3	1010.4	1010.1	1012.2	1012.2	1013.4	1015.5	1017.1	1017.1	1014.1											
	S D	8.696	7.979	7.923	6.639	5.767	4.922	3.014	3.403	5.316	6.408	7.662	8.185	7.226											
	TOTAL OBS	310	281	310	299	309	300	310	310	300	310	300	309	3648											
21	MEAN	1020.5	1018.8	1014.1	1012.6	1011.5	1011.1	1013.3	1013.5	1014.7	1016.6	1018.2	1018.1	1015.2											
	S D	8.732	7.952	7.878	6.607	5.753	4.753	2.957	3.332	5.237	6.353	7.627	8.143	7.157											
	TOTAL OBS	310	280	310	300	309	300	310	310	300	310	300	309	3648											
ALL HOURS	MEAN	1020.6	1019.0	1014.4	1012.9	1012.0	1011.9	1014.1	1014.1	1015.0	1016.8	1018.1	1017.8	1015.5											
	S D	8.841	8.101	8.005	6.762	5.927	4.919	3.135	3.453	5.273	6.516	7.910	8.409	7.223											
	TOTAL OBS	2480	2252	2480	2398	2477	2400	2480	2480	2400	2479	2400	2478	29204											

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